09/899594.051602

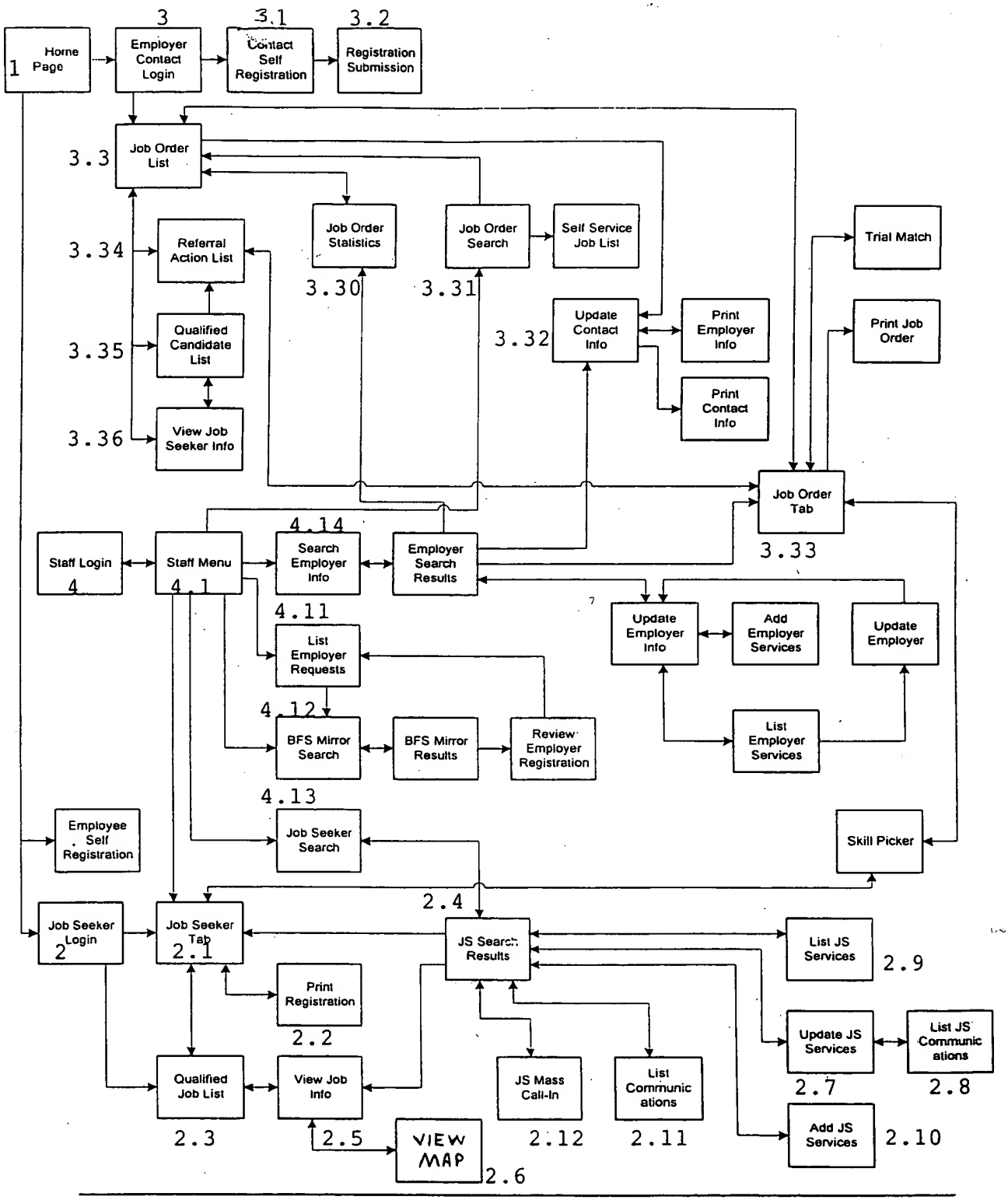

FIGURE 1

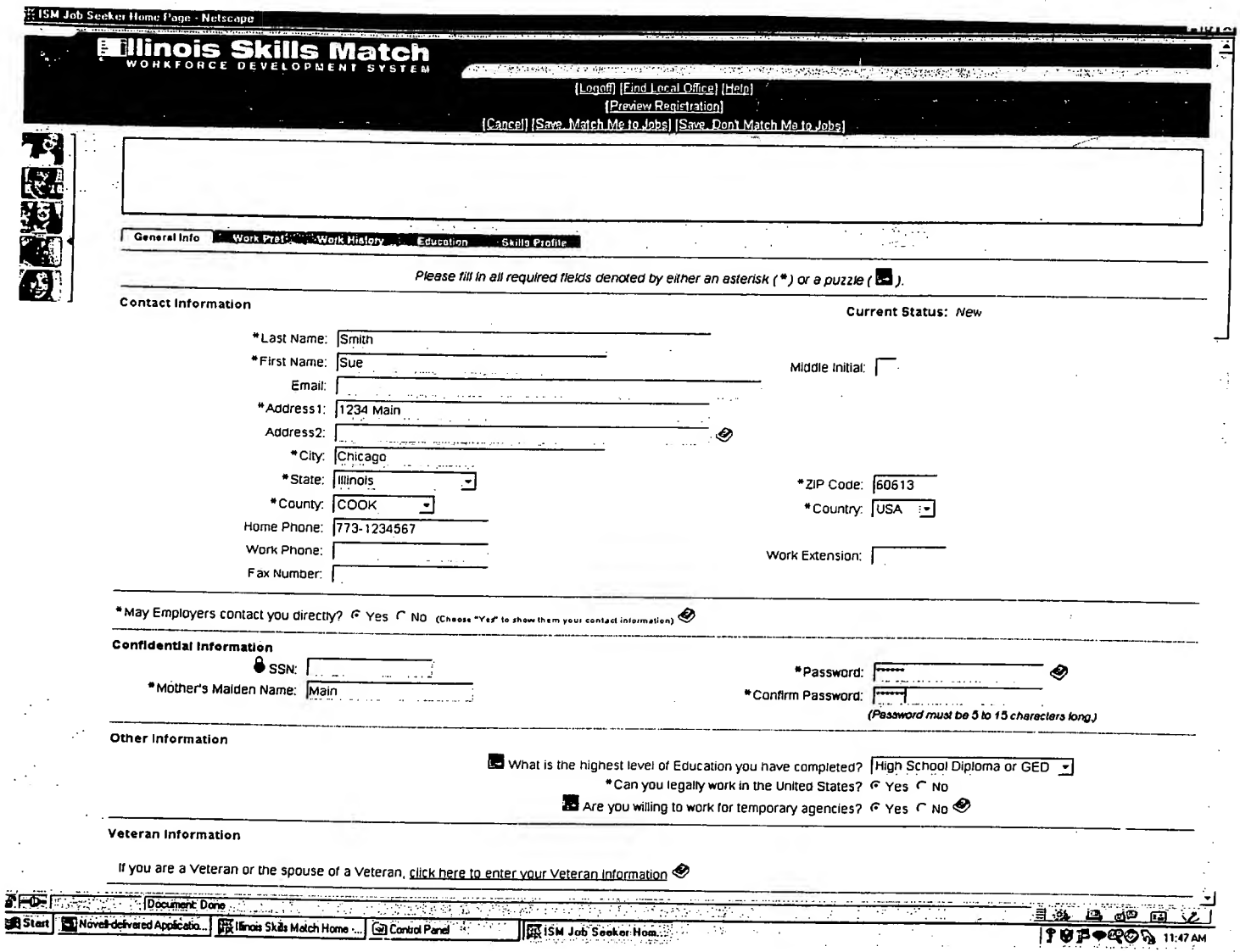

FIGURE 2

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positionees and Positioners
Mailed: July 31, 2001
2 of 60 sheets

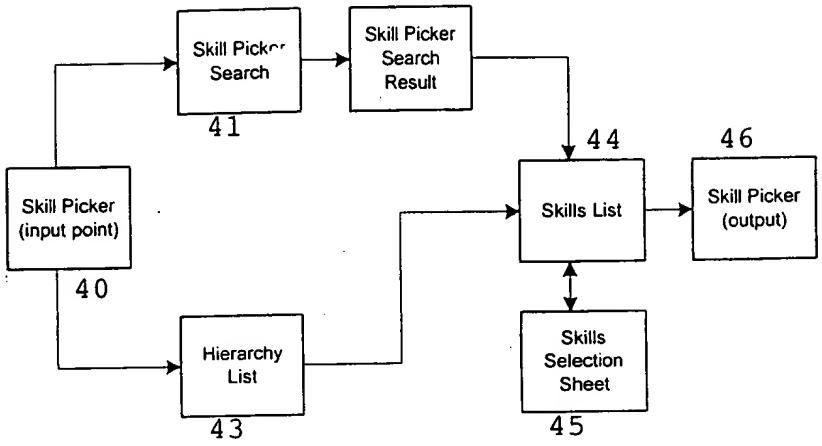
Skill Picker Search
41
Skill Picker Search Result
44
46
Skill Picker (input point)
40
Skills List
Skill Picker (output)
Hierarchy List
43
Skills Selection Sheet
45

FIGURE 3

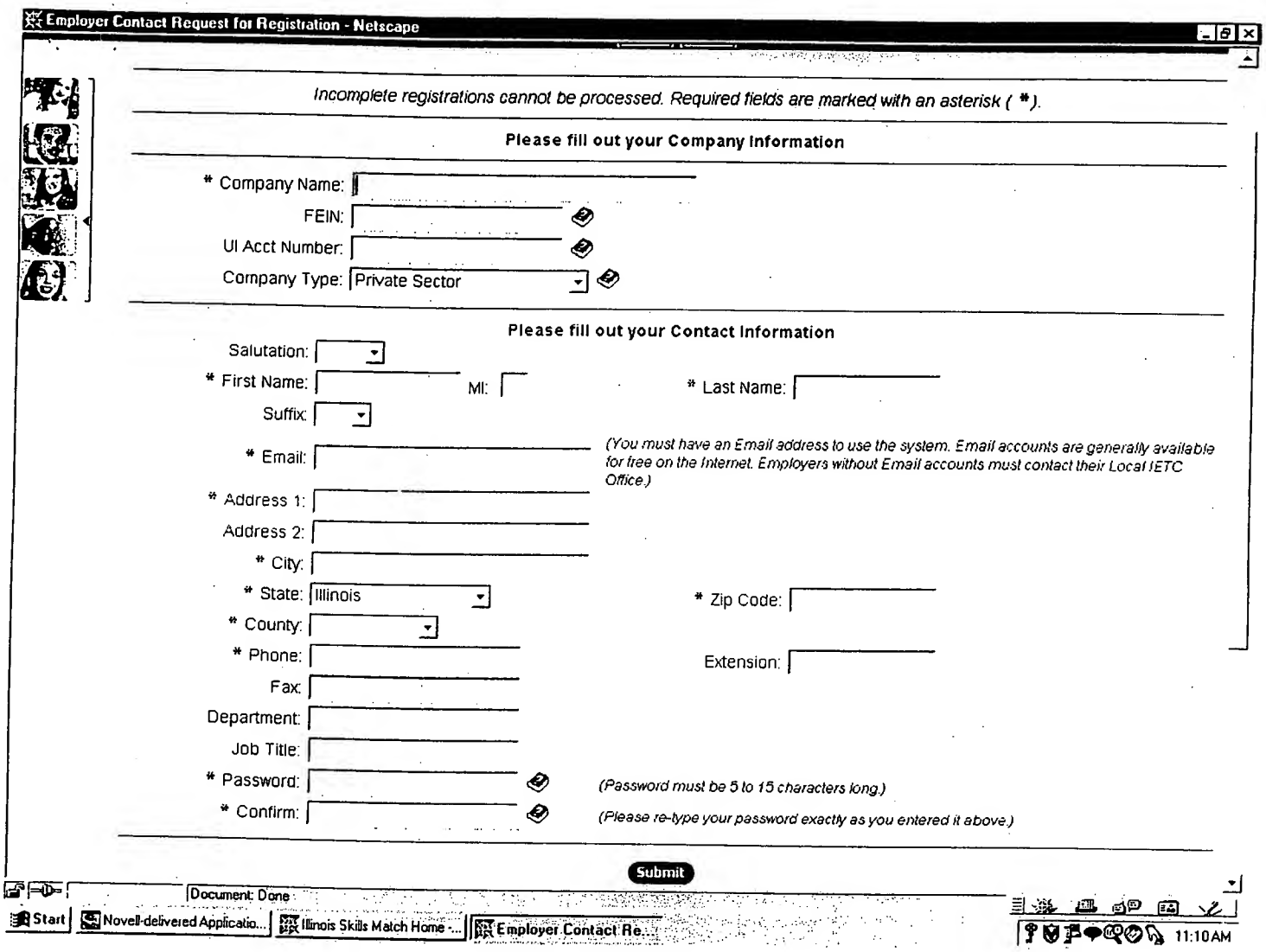
Employer Contact Request for Registration - Netscape
Incomplete registrations cannot be processed. Required fields are marked with an asterisk (*).
Please fill out your Company Information
* Company Name:
FEIN:
UI Acct Number:
Company Type: Private Sector
Please fill out your Contact Information
Salutation:
* First Name:
MI:
* Last Name:
Suffix:
* Email:
(You must have an Email address to use the system. Email accounts are generally available for free on the Internet. Employers without Email accounts must contact their Local IETC Office.)
* Address 1:
Address 2:
* City:
* State: Illinois
* Zip Code:
* County:
* Phone:
Extension:
Fax:
Department:
Job Title:
* Password:
(Password must be 5 to 15 characters long.)
* Confirm:
(Please re-type your password exactly as you entered it above.)
Submit
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Employer Contact Re...
11:10AM

FIGURE 4

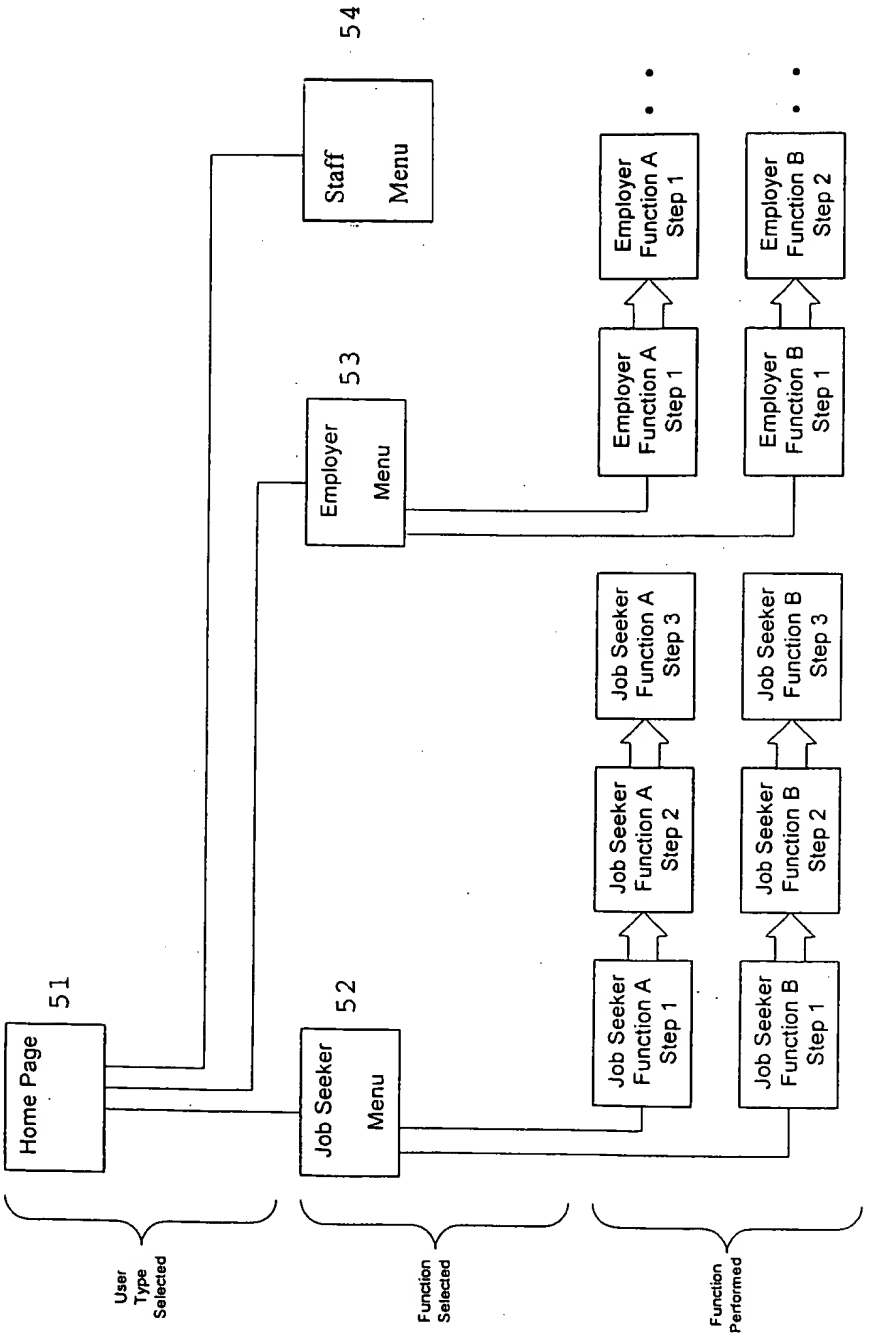
51
Home Page
52
Job Seeker Menu
53
Employer Menu
54
Staff Menu
Job Seeker Function A Step 1
Job Seeker Function A Step 2
Job Seeker Function A Step 3
Job Seeker Function B Step 1
Job Seeker Function B Step 2
Job Seeker Function B Step 3
Employer Function A Step 1
Employer Function A Step 1
Employer Function B Step 1
Employer Function B Step 2
User Type Selected
Function Selected
Function Performed

FIGURE 5

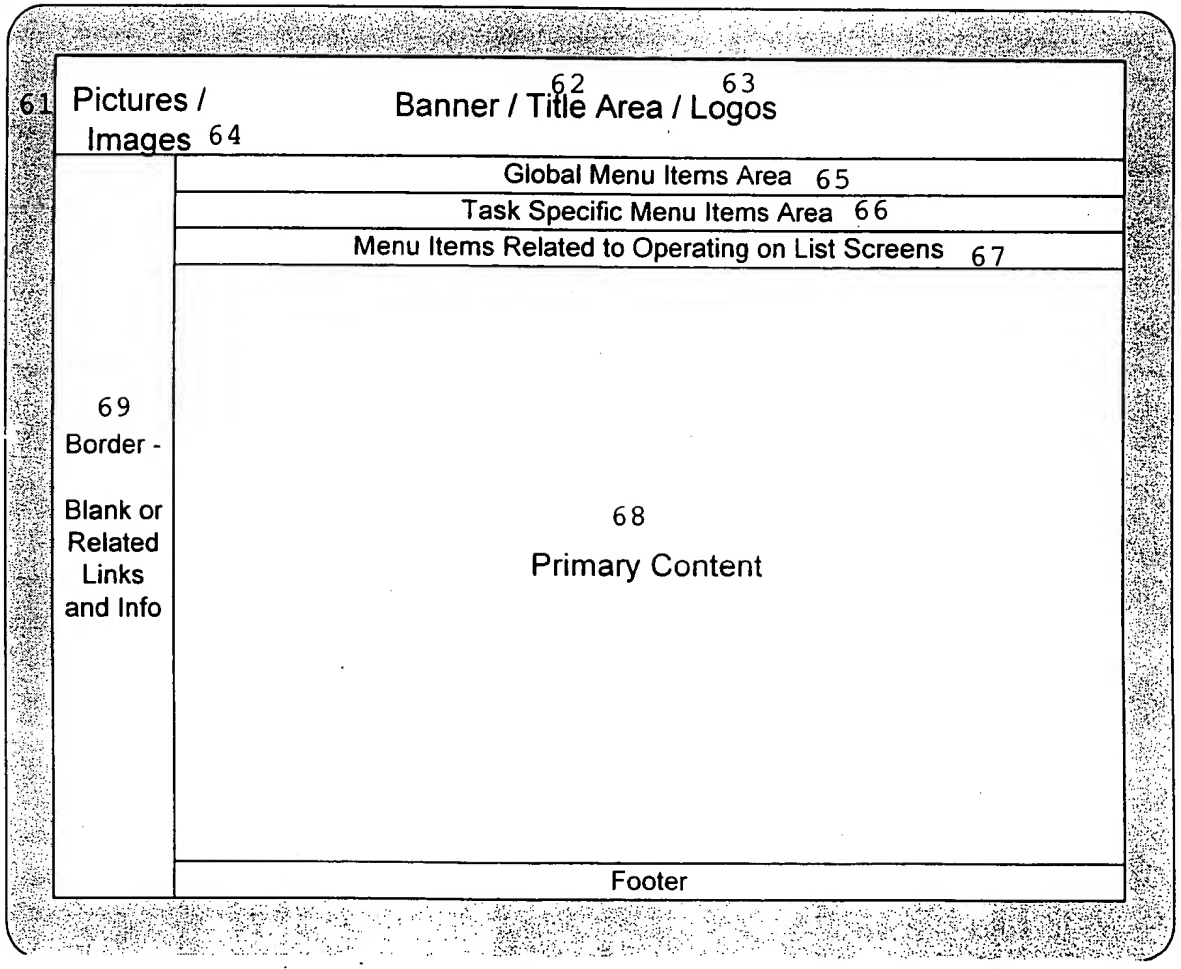
61
Pictures / Images 64
62
63
Banner / Title Area / Logos
Global Menu Items Area 65
Task Specific Menu Items Area 66
Menu Items Related to Operating on List Screens 67
69
Border -
Blank or Related Links and Info
68
Primary Content
Footer

FIGURE 6

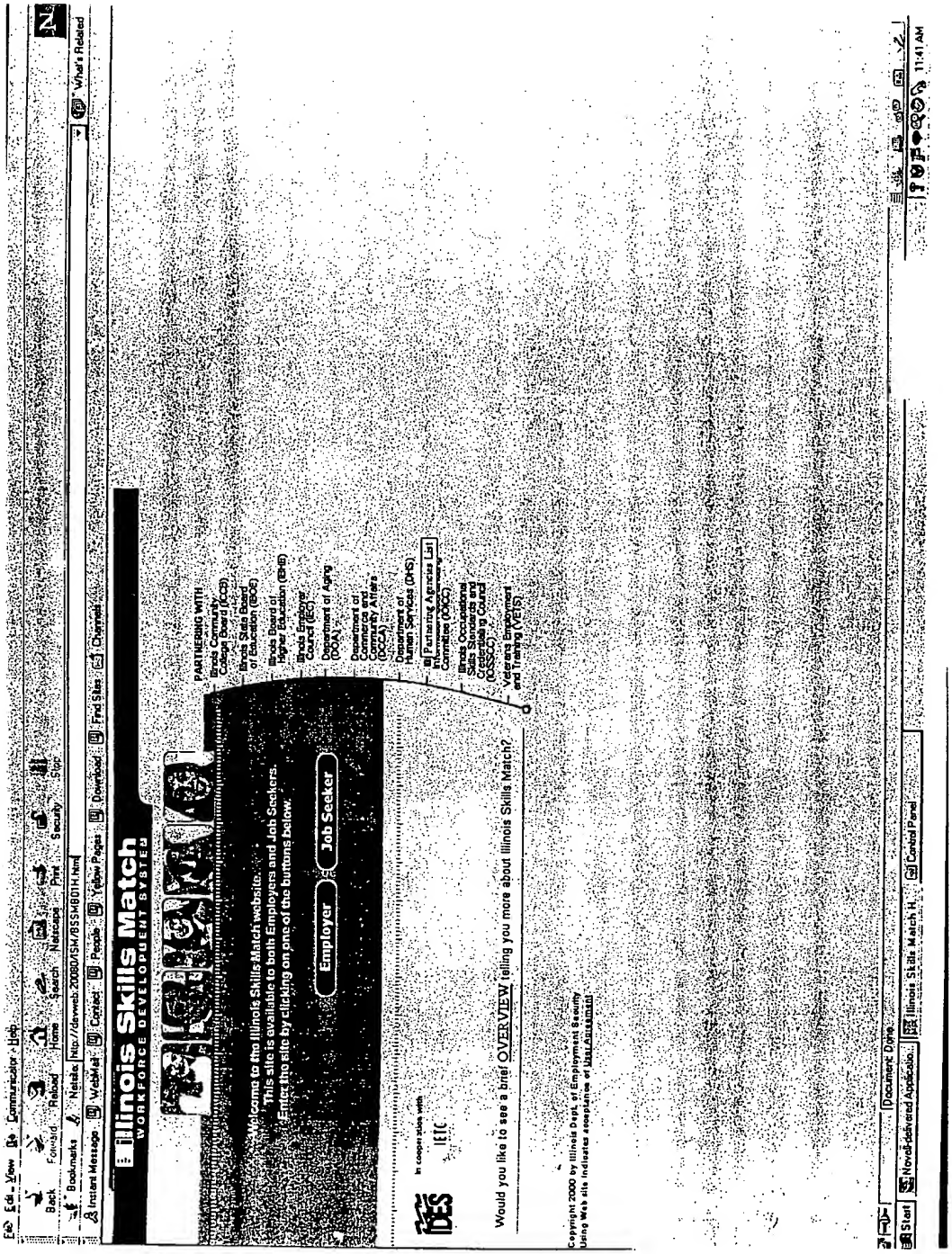
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
Welcome to the Illinois Skills Match website.
This site is available to both Employers and Job Seekers.
Enter this site by clicking on one of the buttons below.
Employer
Job Seeker
PARTNERING WITH
Would you like to see a brief OVERVIEW telling you more about Illinois Skills Match?
Copyright 2000 by Illinois Dept. of Employment Security

FIGURE 7

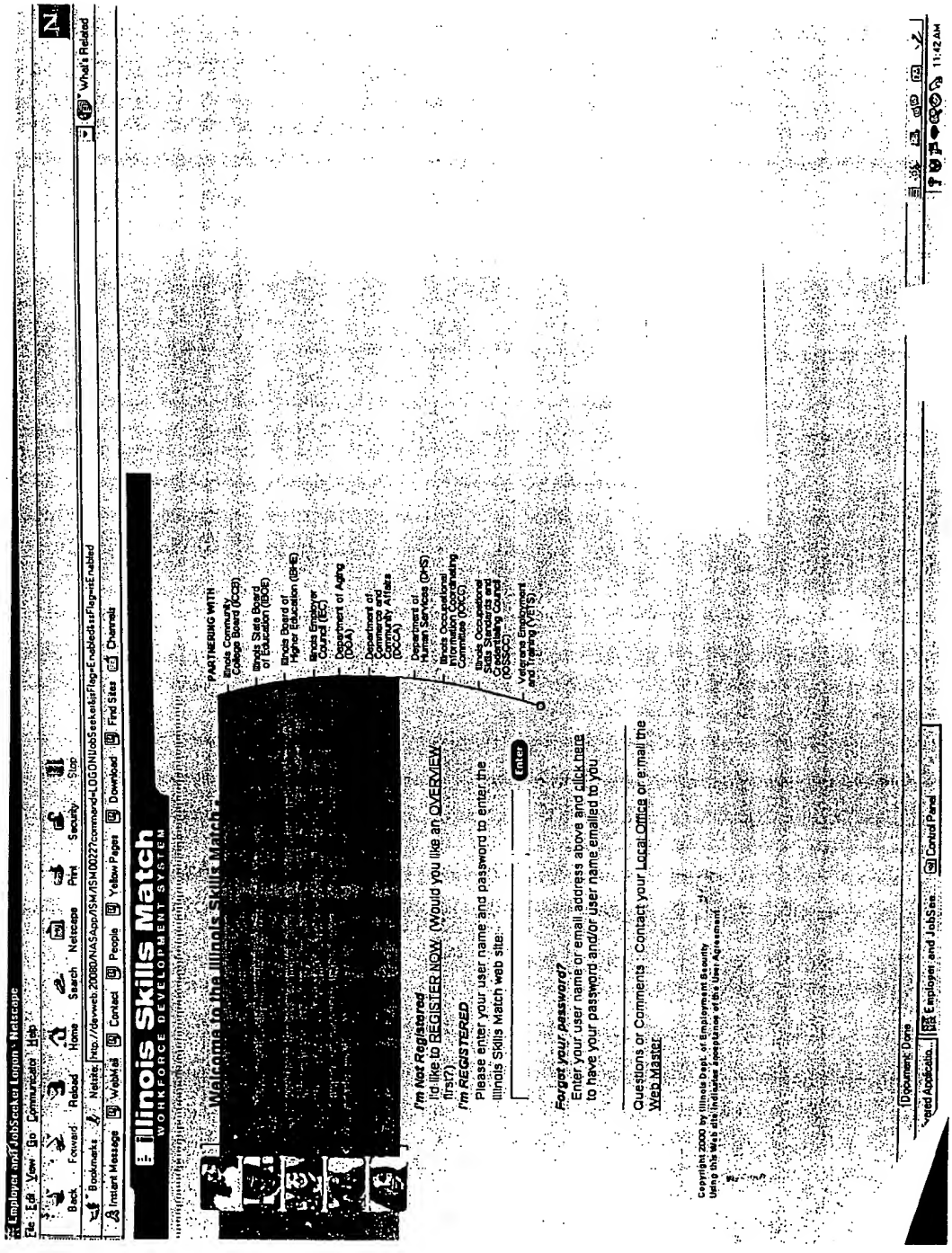
Employer and JobSeeker Logon - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
Welcome to the Illinois Skills Match
PARTNERING WITH
Illinois Community College Board (ICCB)
Illinois State Board of Education (ISBE)
Illinois Board of Higher Education (IBHE)
Illinois Employment Security (IES)
Department of Aging (DOA)
Department of Commerce and Community Affairs (DCCA)
Department of Human Services (DHS)
Illinois Occupational Information Coordinating Committee (IOICC)
Illinois Occupational Skill Standards and Credentialing Council (IOSSCC)
Veterans Employment and Training (VETS)
I'm Not Registered
I'd like to REGISTER NOW. (Would you like an OVERVIEW first?)
I'm REGISTERED
Please enter your user name and password to enter the Illinois Skills Match web site:
Enter
Forget your password?
Enter your user name or email address above and click here to have your password and/or user name emailed to you.
Questions or Comments : Contact your Local Office or e-mail the Web Master
Copyright 2000 by Illinois Dept. of Employment Security
Using this Web site indicates acceptance of the User Agreement
Document: Done
Employer and JobSee
Control Panel
11:42 AM

FIGURE 8

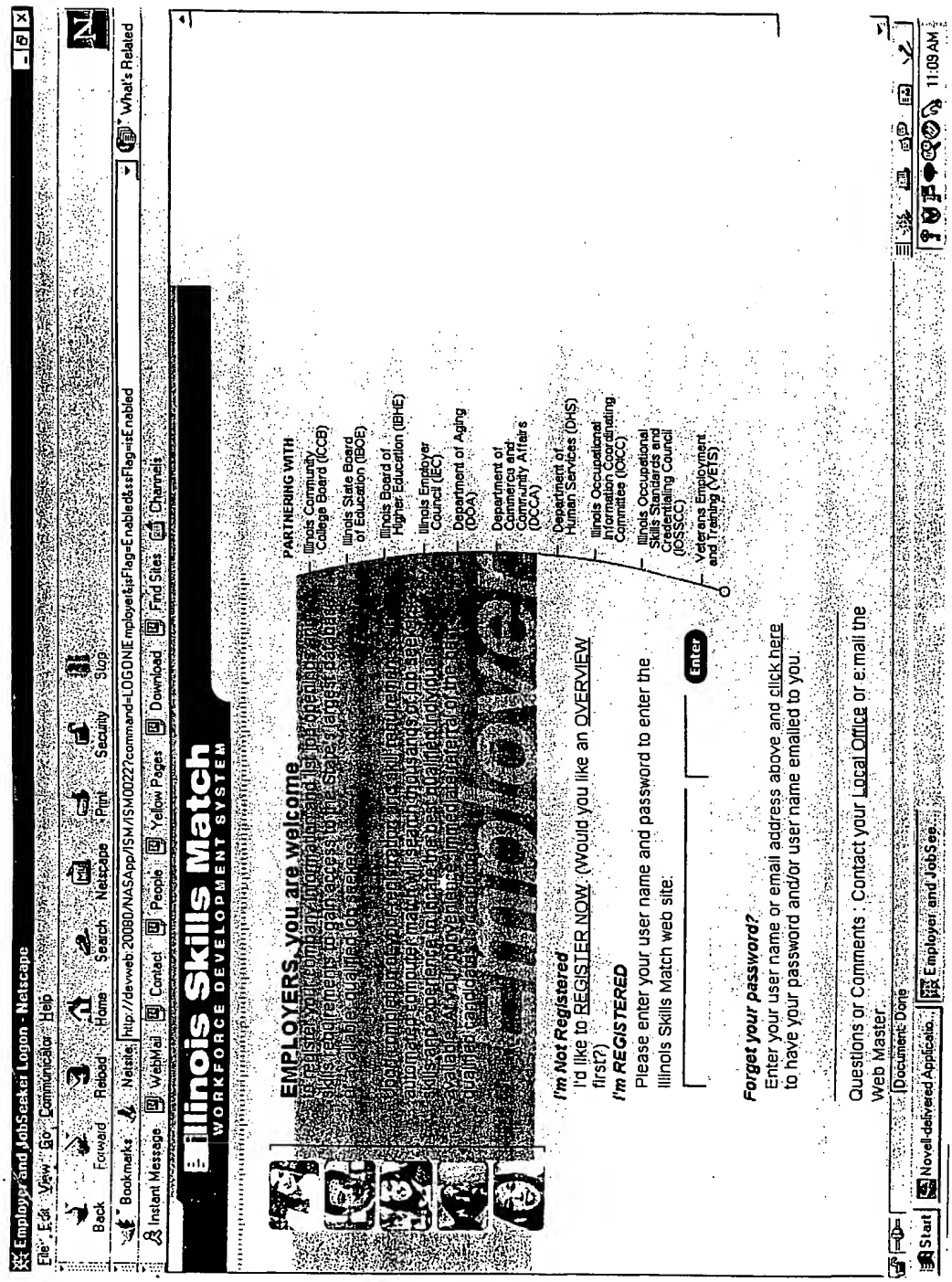
Employer and JobSeeker Logon - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Netsite: http://devweb:2008D/NASApp/ISM/ISM00227?command=LOGONEmployer&isFlag=Enabled&ssFlag=sEnabled
Instant Message WebMail Contact People Yellow Pages Download Find Sites Channels What's Related
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
EMPLOYERS, you are welcome
PARTNERING WITH
Illinois Community College Board (ICCB)
Illinois State Board of Education (ISBE)
Illinois Board of Higher Education (IBHE)
Illinois Employer Council (IEC)
Department of Aging (DOA)
Department of Commerce and Community Affairs (DCCA)
Department of Human Services (DHS)
Illinois Occupational Information Coordinating Committee (IOICC)
Illinois Occupational Skills Standards and Credentialing Council (IOSSCC)
Veterans Employment and Training (VETS)
I'm Not Registered
I'd like to REGISTER NOW. (Would you like an OVERVIEW first?)
I'm REGISTERED
Please enter your user name and password to enter the Illinois Skills Match web site:
Enter
Forget your password?
Enter your user name or email address above and click here to have your password and/or user name emailed to you.
Questions or Comments : Contact your Local Office or e-mail the Web Master
Document: Done
Novell-delivered Applicatio...
Employer and JobSee...
Start
11:09 AM

FIGURE 9

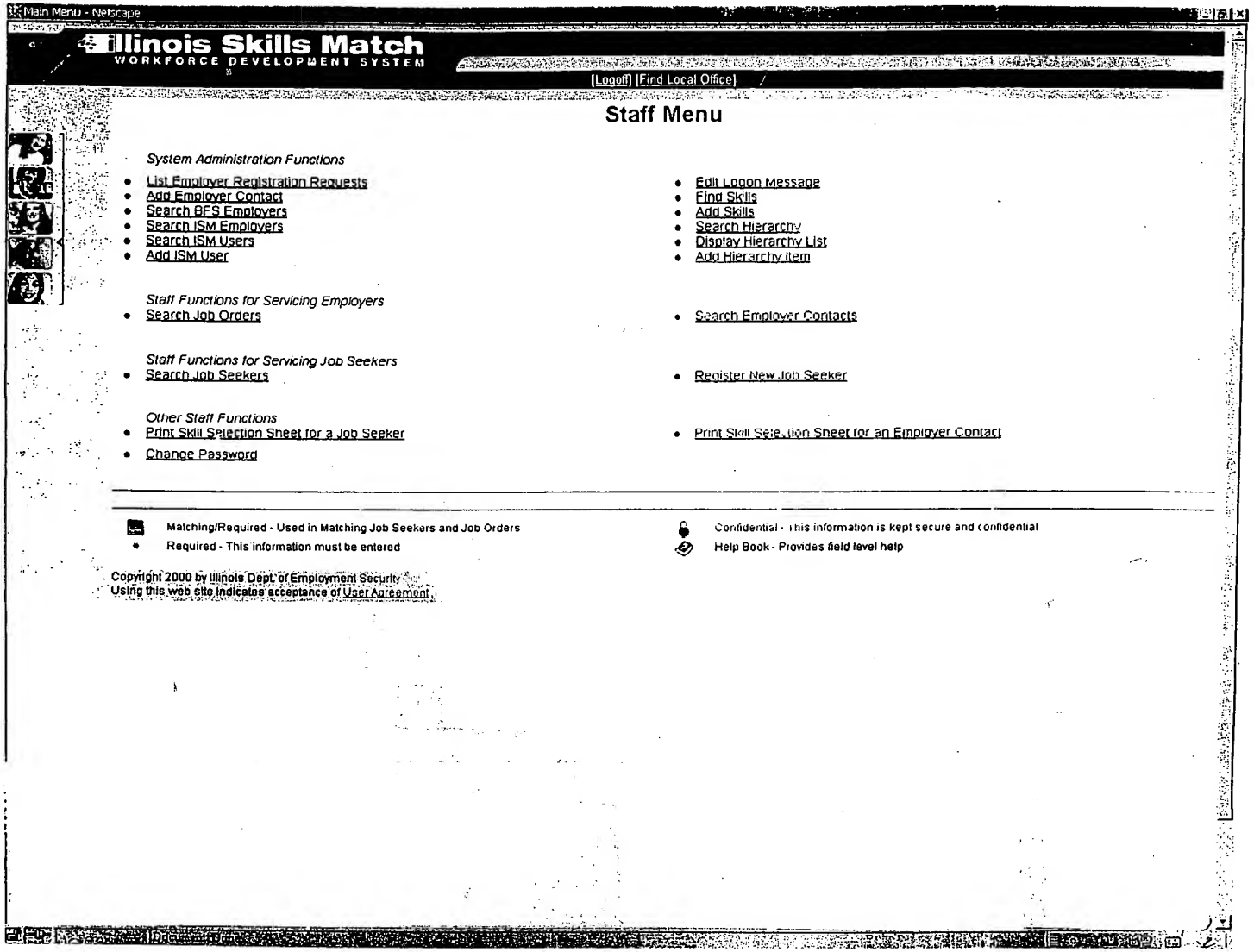

FIGURE 10

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positioners and Positioners
Mailed: July 31, 2001
10 of 60 sheets

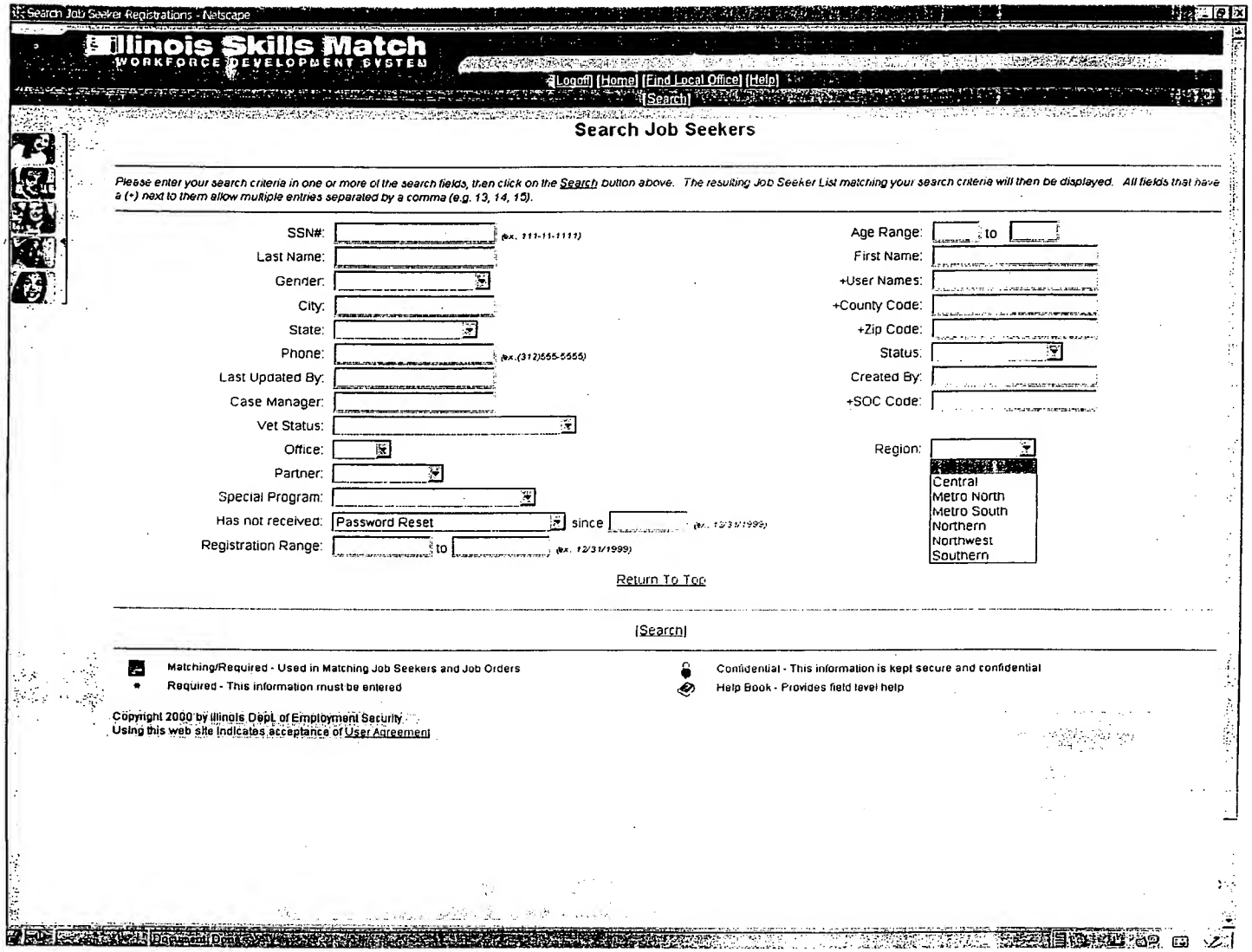

FIGURE 11

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positionees and Positioners
Mailed: July 31, 2001
11 of 60 sheets

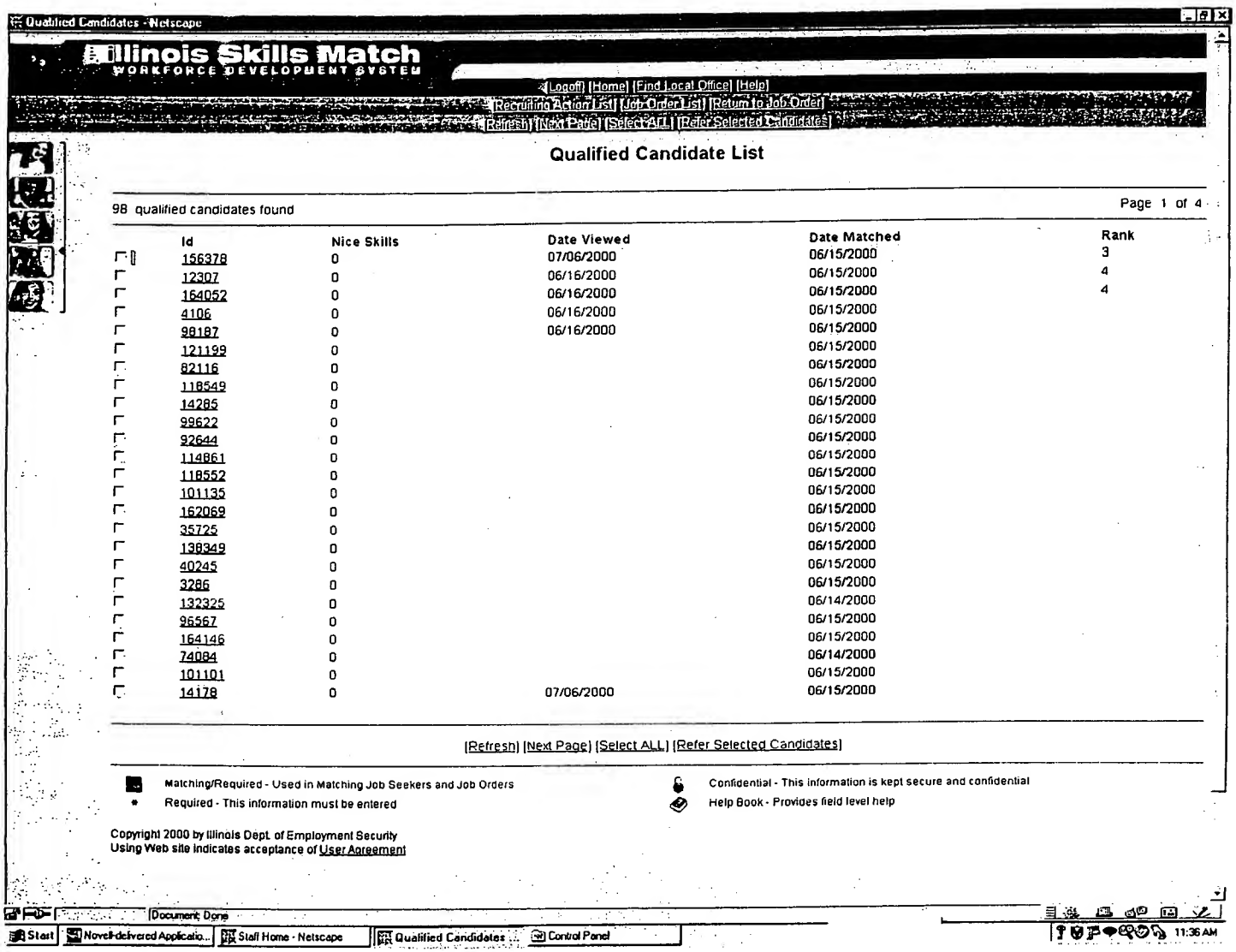

FIGURE 12

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positioneers and Positioners
Mailed: July 31, 2001
12 of 60 sheets

EXHIBIT 1015

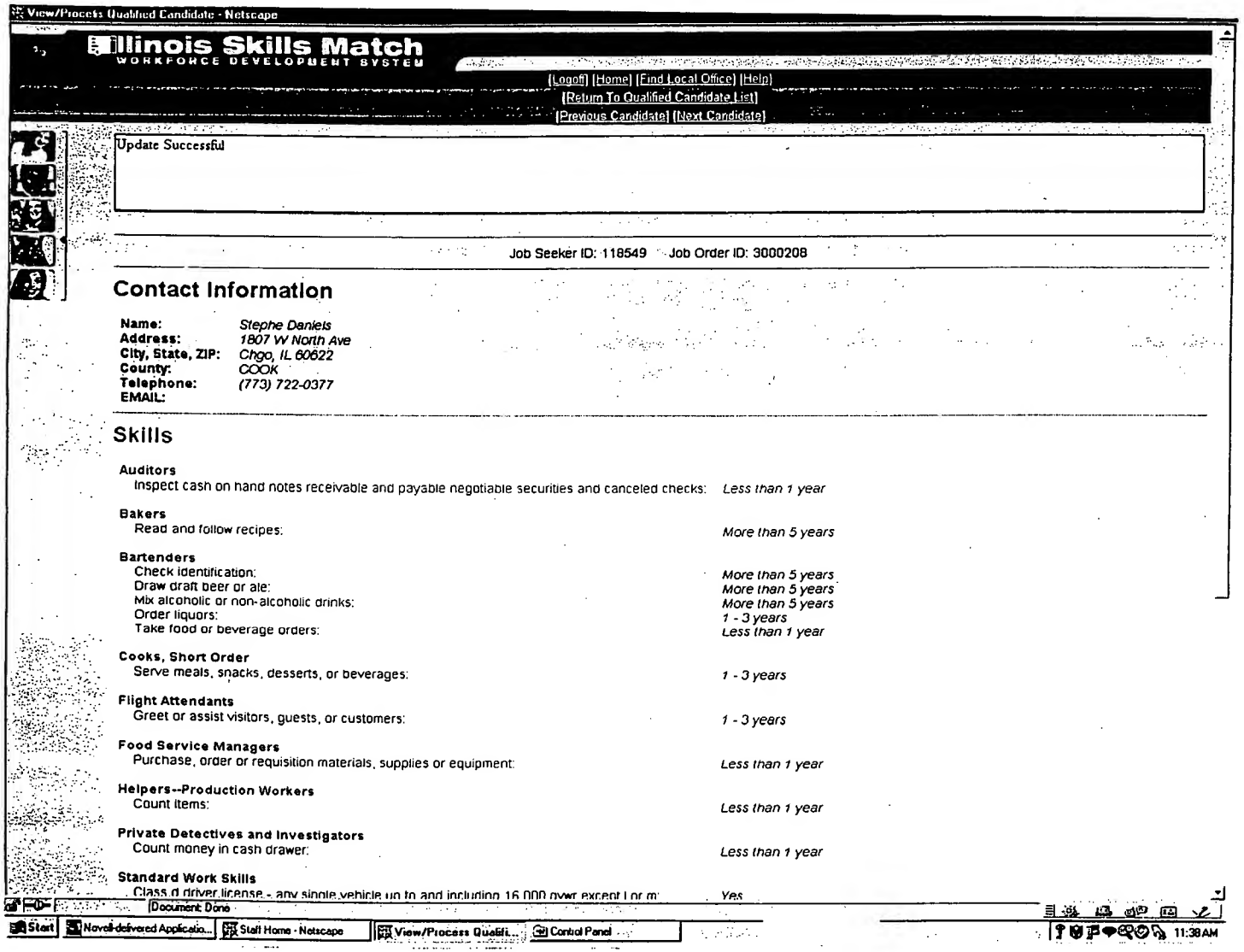
View/Process Qualified Candidate - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Return To Qualified Candidate List]
[Previous Candidate] [Next Candidate]
Update Successful
Job Seeker ID: 118549 Job Order ID: 3000208
Contact Information
Name: Stephe Daniels
Address: 1807 W North Ave
City, State, ZIP: Chgo, IL 60622
County: COOK
Telephone: (773) 722-0377
EMAIL:
Skills
Auditors
Inspect cash on hand notes receivable and payable negotiable securities and canceled checks: Less than 1 year
Bakers
Read and follow recipes: More than 5 years
Bartenders
Check identification: More than 5 years
Draw draft beer or ale: More than 5 years
Mix alcoholic or non-alcoholic drinks: More than 5 years
Order liquors: 1 - 3 years
Take food or beverage orders: Less than 1 year
Cooks, Short Order
Serve meals, snacks, desserts, or beverages: 1 - 3 years
Flight Attendants
Greet or assist visitors, guests, or customers: 1 - 3 years
Food Service Managers
Purchase, order or requisition materials, supplies or equipment: Less than 1 year
Helpers--Production Workers
Count items: Less than 1 year
Private Detectives and Investigators
Count money in cash drawer: Less than 1 year
Standard Work Skills
Class d driver license - any single vehicle up to and including 16 000 over except l or m: Yes
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
View/Process Qualifi...
Control Panel
11:38AM

FIGURE 13

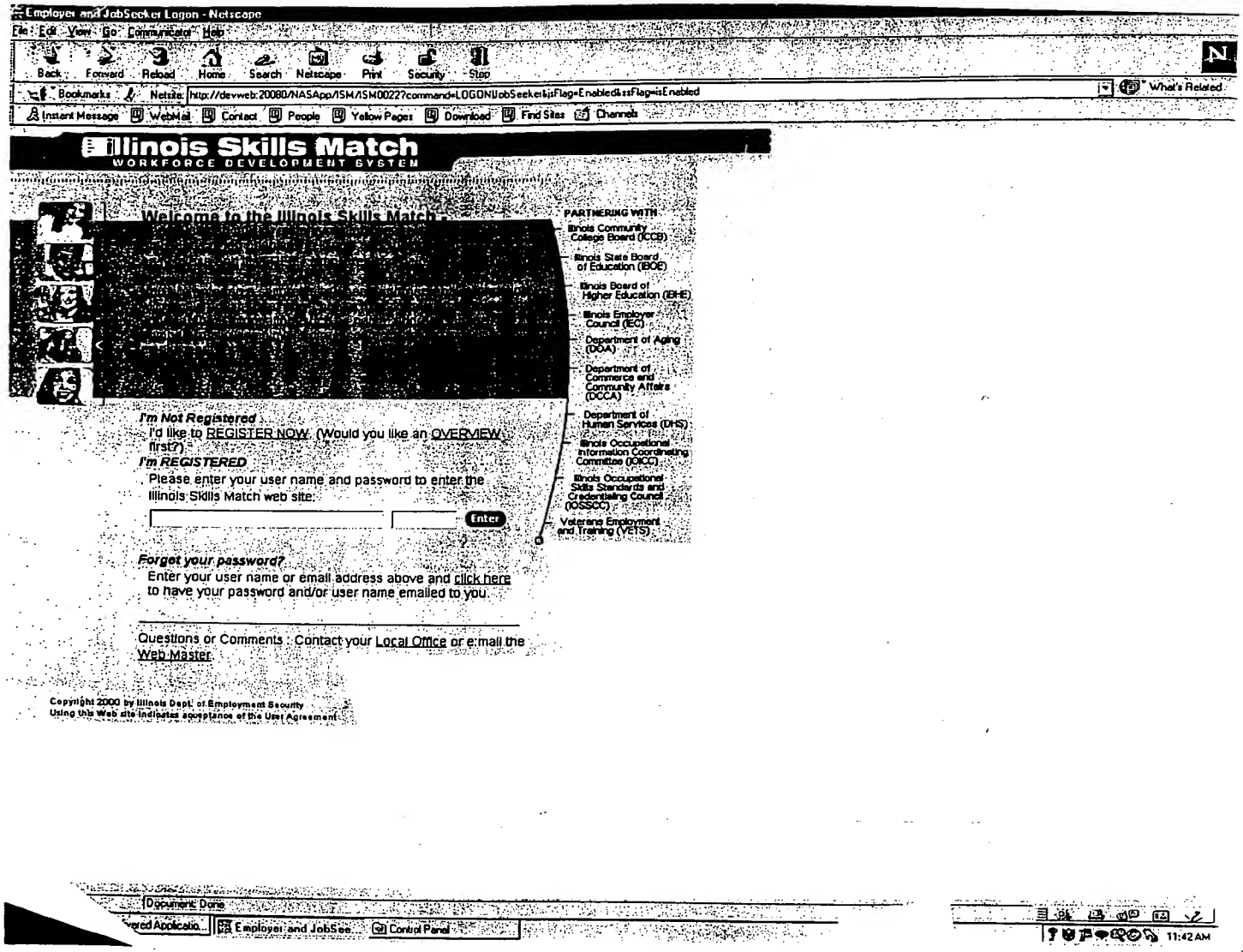
Employer and JobSeeker Logon - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Netsite: http://devweb:20080/NASApp/ISM/ISM00227?command=LOGONJobSeeker&isFlag=Enabled&ssFlag=isEnabled
What's Related
Instant Message WebMail Contact People Yellow Pages Download Find Sites Channels
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
Welcome to the Illinois Skills Match
PARTNERING WITH
Illinois Community College Board (ICCB)
Illinois State Board of Education (ISBE)
Illinois Board of Higher Education (IBHE)
Illinois Employer Council (IEC)
Department of Aging (DOA)
Department of Commerce and Community Affairs (DCCA)
Department of Human Services (DHS)
Illinois Occupational Information Coordinating Committee (IOICC)
Illinois Occupational Skills Standards and Credentialing Council (IOSSCC)
Veterans Employment and Training (VETS)
I'm Not Registered
I'd like to REGISTER NOW. (Would you like an OVERVIEW first?)
I'm REGISTERED
Please enter your user name and password to enter the Illinois Skills Match web site:
Enter
Forget your password?
Enter your user name or email address above and click here to have your password and/or user name emailed to you.
Questions or Comments : Contact your Local Office or e:mail the Web Master
Copyright 2000 by Illinois Dept. of Employment Security
Using this Web site indicates acceptance of the User Agreement
Document: Done
Employer and JobSee...
Control Panel
11:42 AM

FIGURE 14

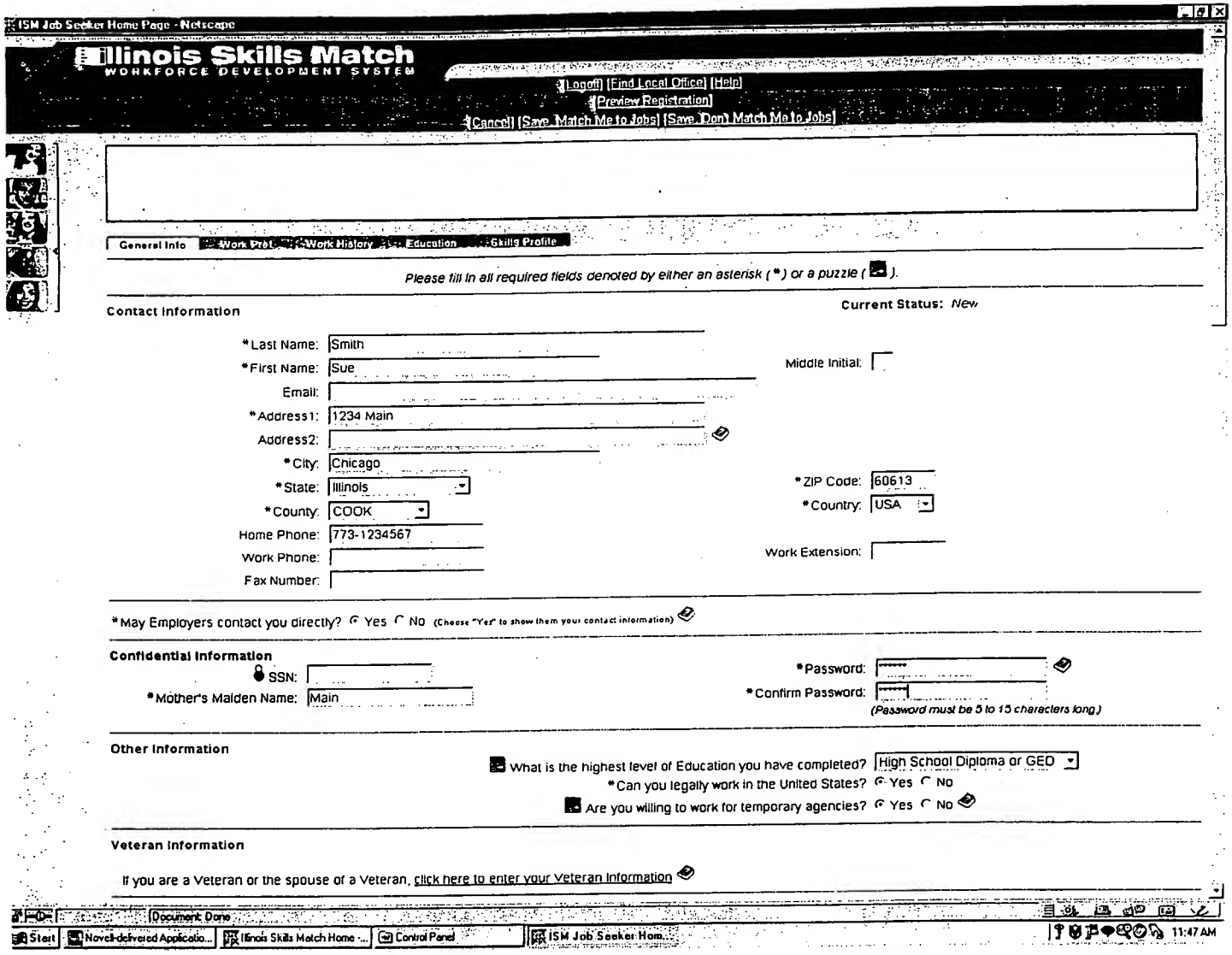

FIGURE 15

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positioners and Positioners
Mailed: July 31, 2001
15 of 60 sheets

Exhibit 1003

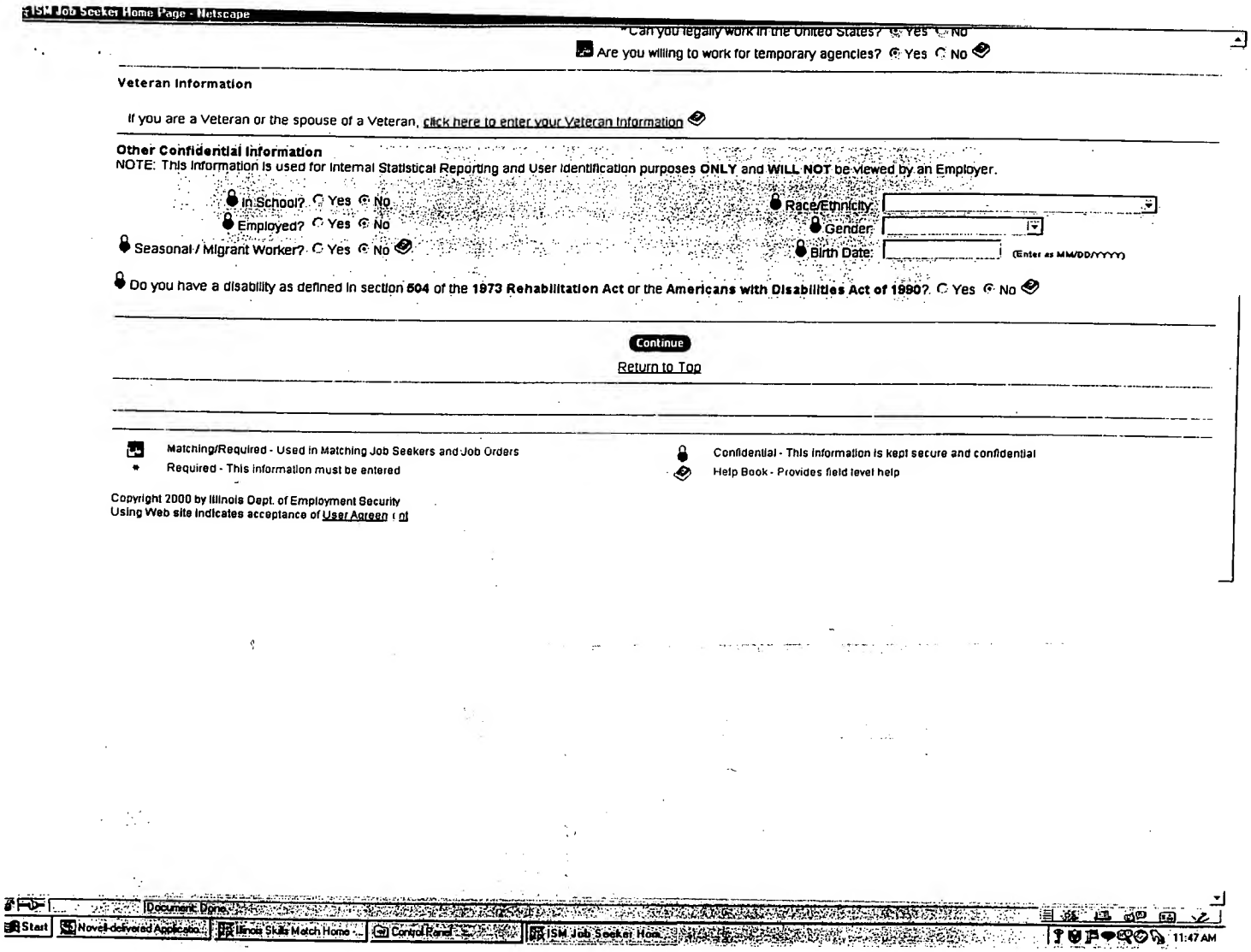

FIGURE 15 Continued

0504504 - 0516605

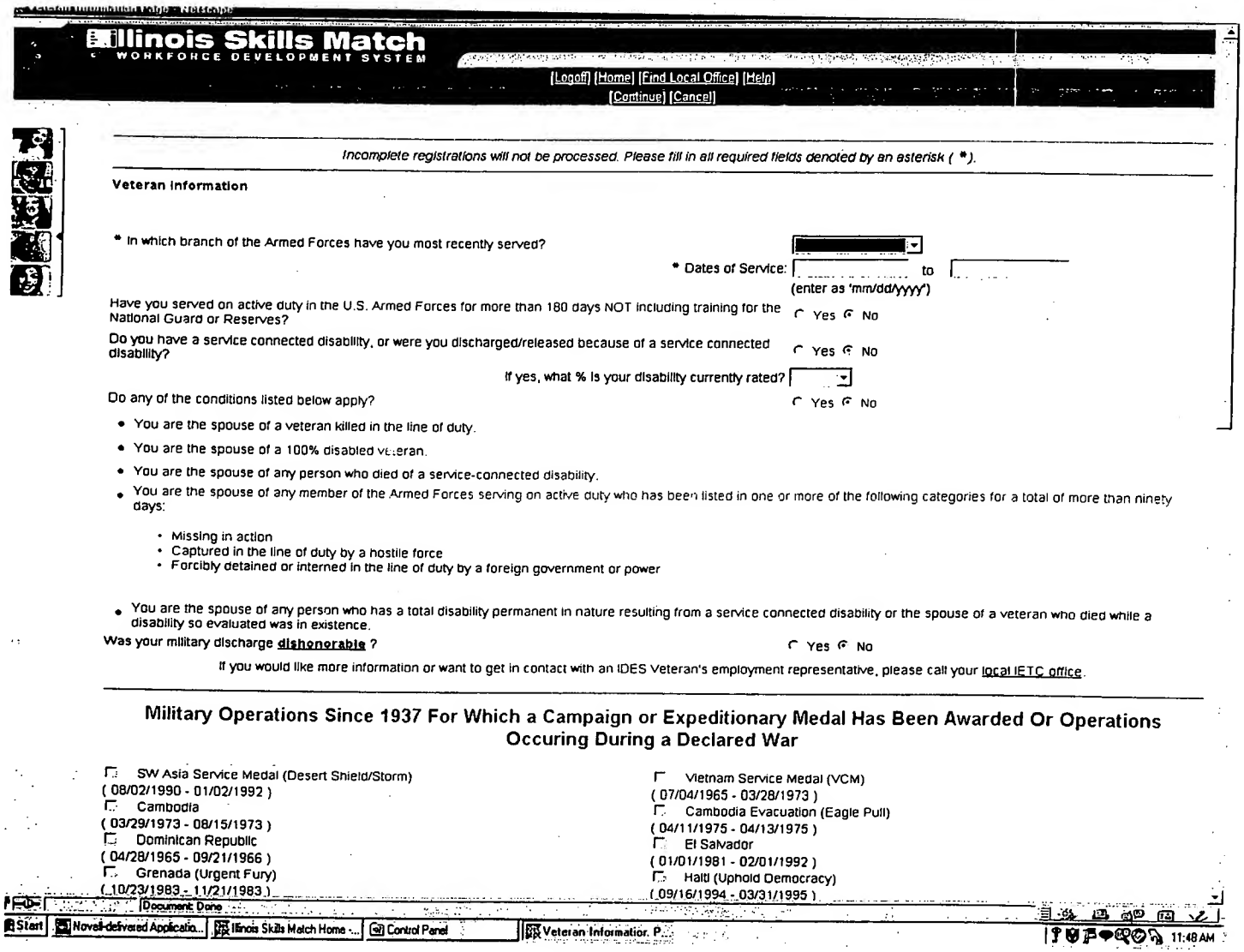
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Continue] [Cancel]
Incomplete registrations will not be processed. Please fill in all required fields denoted by an asterisk (*).
Veteran Information
* In which branch of the Armed Forces have you most recently served?
* Dates of Service: to
(enter as 'mm/dd/yyyy')
Have you served on active duty in the U.S. Armed Forces for more than 180 days NOT including training for the National Guard or Reserves? Yes No
Do you have a service connected disability, or were you discharged/released because of a service connected disability? Yes No
If yes, what % is your disability currently rated?
Do any of the conditions listed below apply? Yes No
You are the spouse of a veteran killed in the line of duty.
You are the spouse of a 100% disabled veteran.
You are the spouse of any person who died of a service-connected disability.
You are the spouse of any member of the Armed Forces serving on active duty who has been listed in one or more of the following categories for a total of more than ninety days:
Missing in action
Captured in the line of duty by a hostile force
Forcibly detained or interned in the line of duty by a foreign government or power
You are the spouse of any person who has a total disability permanent in nature resulting from a service connected disability or the spouse of a veteran who died while a disability so evaluated was in existence.
Was your military discharge dishonorable ? Yes No
If you would like more information or want to get in contact with an IDES Veteran's employment representative, please call your local IETC office.
Military Operations Since 1937 For Which a Campaign or Expeditionary Medal Has Been Awarded Or Operations Occuring During a Declared War
SW Asia Service Medal (Desert Shield/Storm)
(08/02/1990 - 01/02/1992)
Cambodia
(03/29/1973 - 08/15/1973)
Dominican Republic
(04/28/1965 - 09/21/1966)
Grenada (Urgent Fury)
(10/23/1983 - 11/21/1983)
Vietnam Service Medal (VCM)
(07/04/1965 - 03/28/1973)
Cambodia Evacuation (Eagle Pull)
(04/11/1975 - 04/13/1975)
El Salvador
(01/01/1981 - 02/01/1992)
Haiti (Uphold Democracy)
(09/16/1994 - 03/31/1995)
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Control Panel
Veteran Informatior. P...
11:48 AM

FIGURE 16

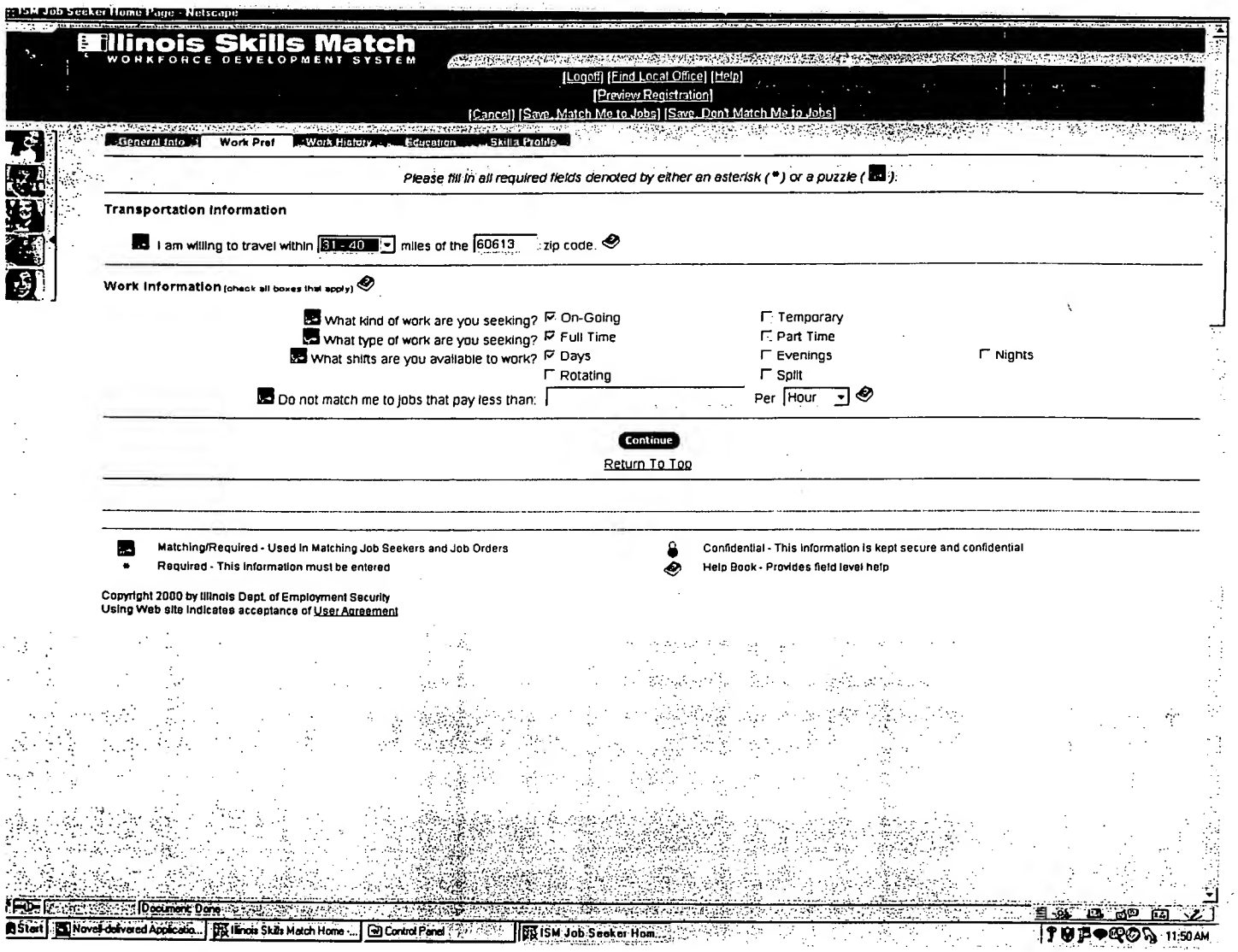
ISM Job Seeker Home Page - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Find Local Office] [Help]
[Preview Registration]
[Cancel] [Save, Match Me to Jobs] [Save, Don't Match Me to Jobs]
General Info
Work Pref
Work History
Education
Skills Profile
Please fill in all required fields denoted by either an asterisk (*) or a puzzle ( ).
Transportation Information
I am willing to travel within 31 - 40 miles of the 60613 zip code.
Work Information (check all boxes that apply)
What kind of work are you seeking? On-Going Temporary
What type of work are you seeking? Full Time Part Time
What shifts are you available to work? Days Evenings Nights
Rotating Split
Do not match me to jobs that pay less than: Per Hour
Continue
Return To Top
Matching/Required - Used in Matching Job Seekers and Job Orders
Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
Document Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home ...
Control Panel
ISM Job Seeker Hom...
11:50 AM

FIGURE 17

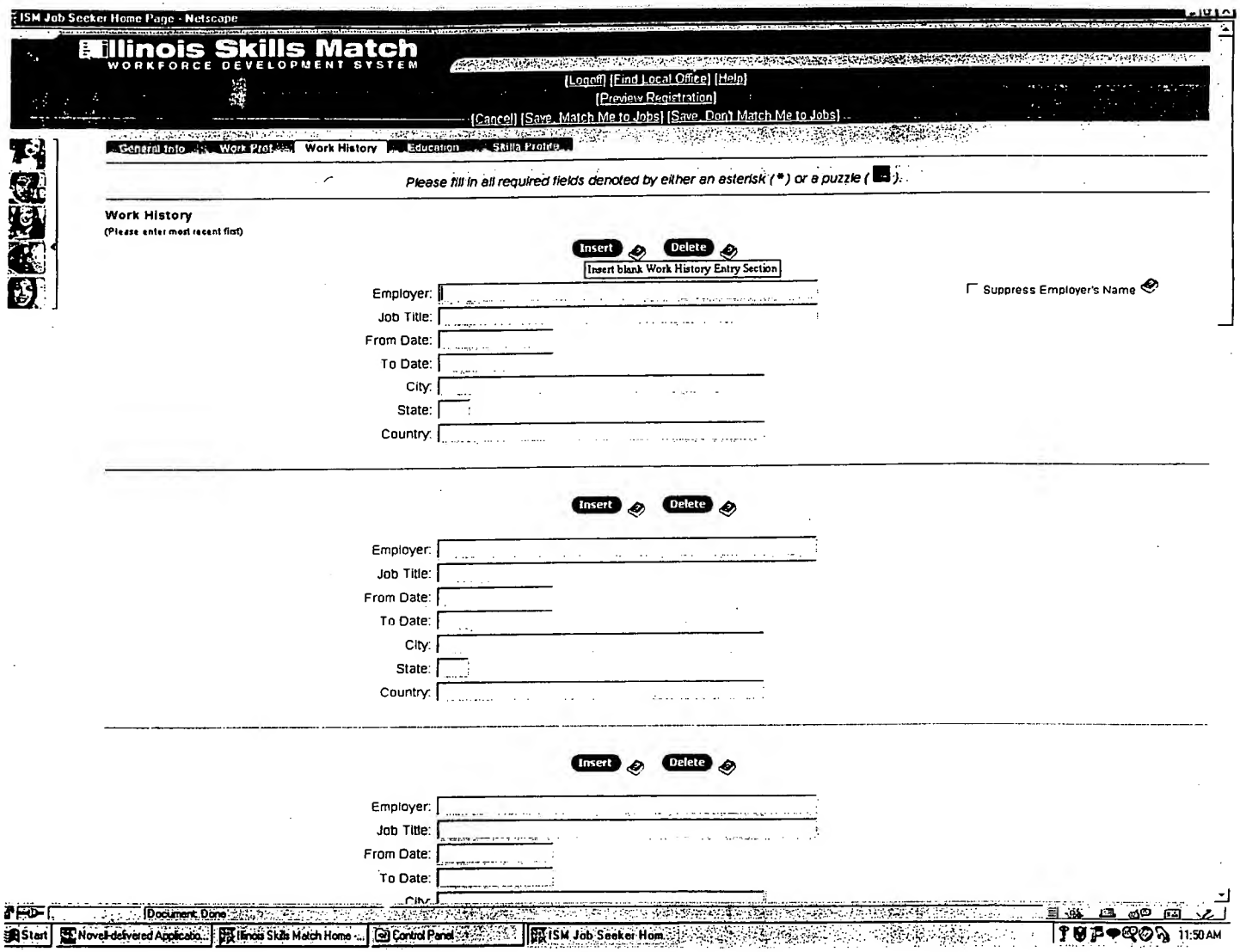

FIGURE 18

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positioneers and Positioners
Mailed: July 31, 2001
18 of 60 sheets

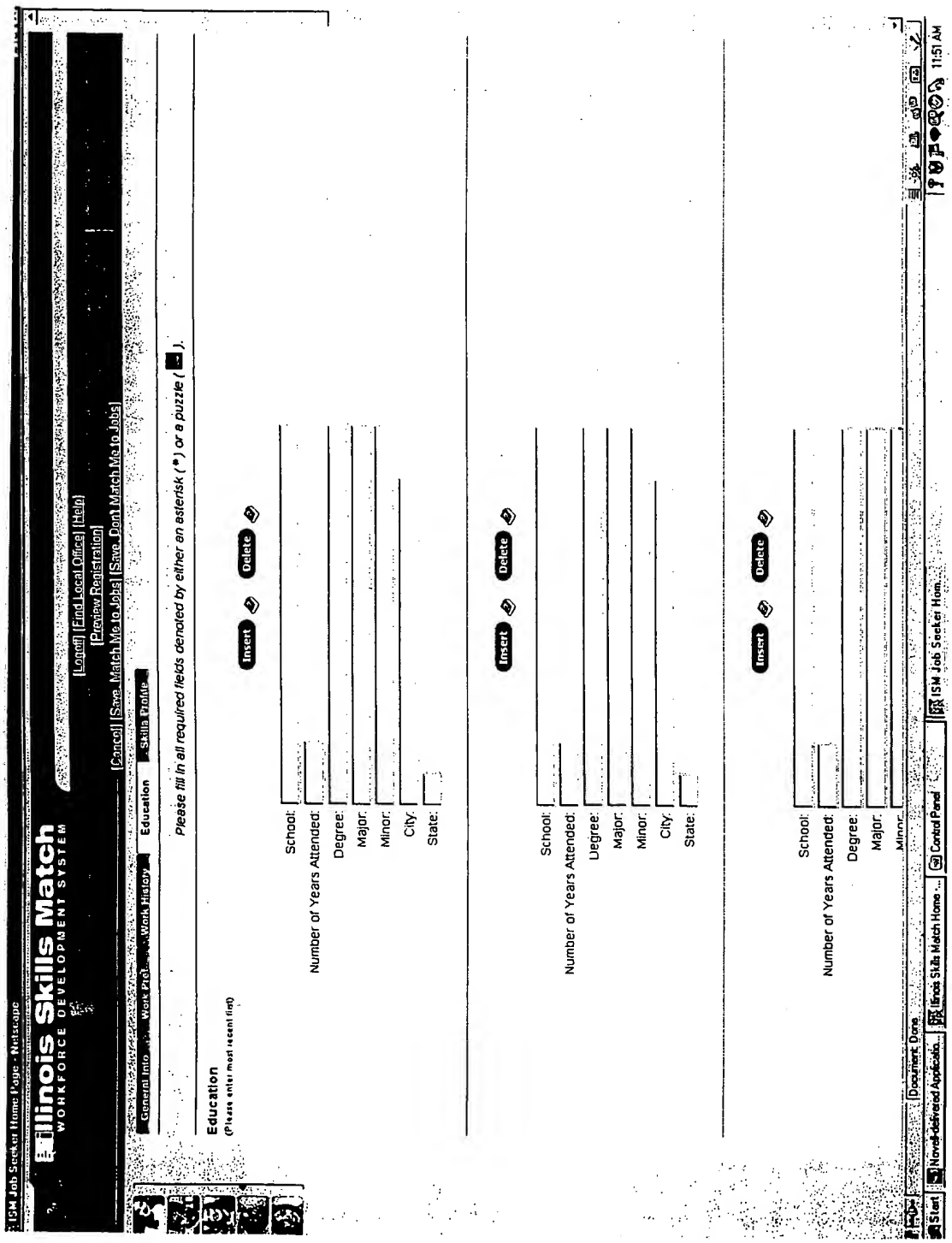
ISM Job Seeker Home Page - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Find Local Office] [Help]
[Preview Registration]
[Cancel] [Save, Match Me to Jobs] [Save, Don't Match Me to Jobs]
General Info
Work Pref
Work History
Education
Skills Profile
Please fill in all required fields denoted by either an asterisk (*) or a puzzle ( ).
Education
(Please enter most recent first)
Insert
Delete
School:
Number of Years Attended:
Degree:
Major:
Minor:
City:
State:
Insert
Delete
School:
Number of Years Attended:
Degree:
Major:
Minor:
City:
State:
Insert
Delete
School:
Number of Years Attended:
Degree:
Major:
Minor:
Start
Document: Done
Illinois Skills Match Home ...
Control Panel
ISM Job Seeker Hom...
11:51 AM

FIGURE 19

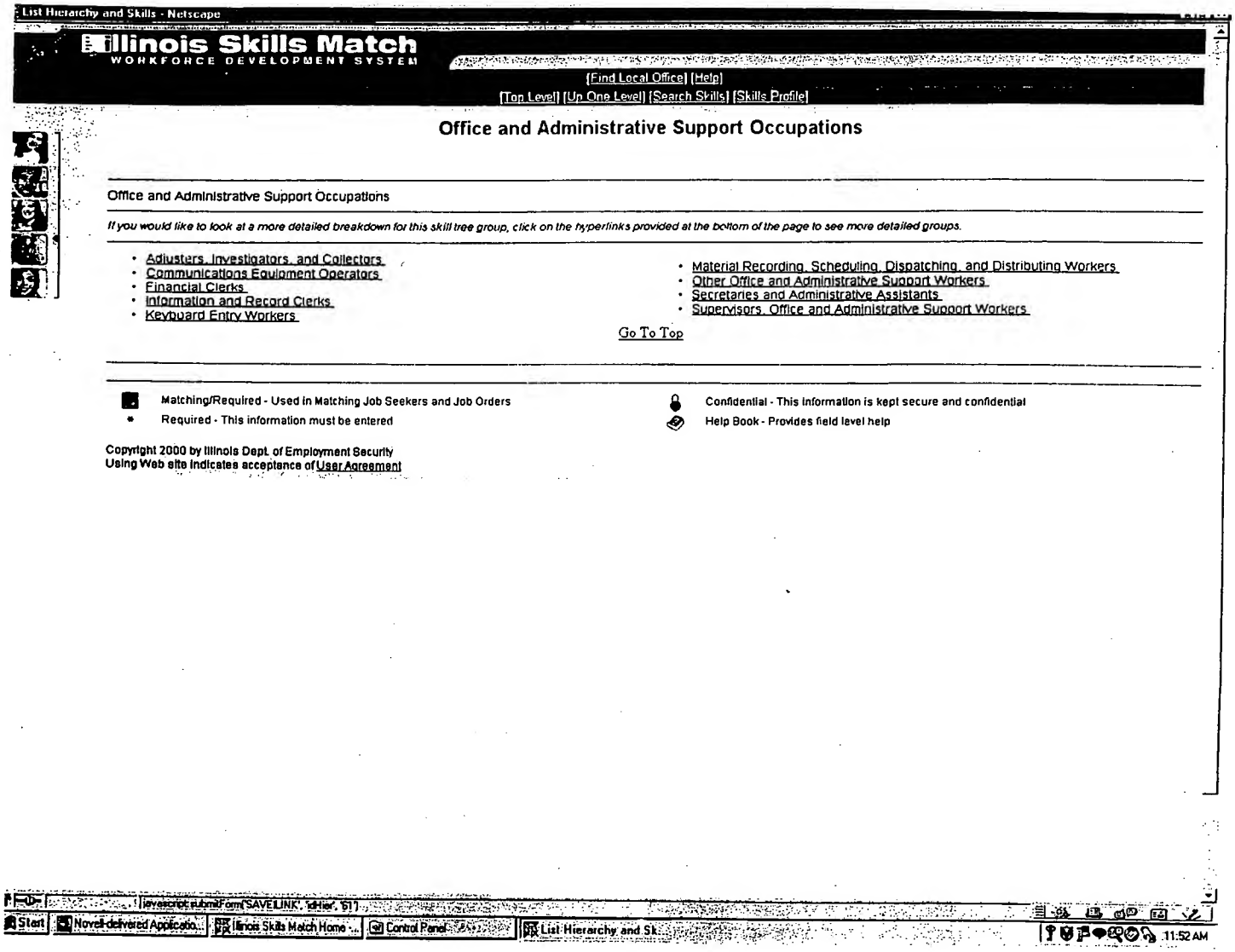

FIGURE 20

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positionees and Positioners
Mailed: July 31, 2001
20 of 60 sheets

0245245.0510

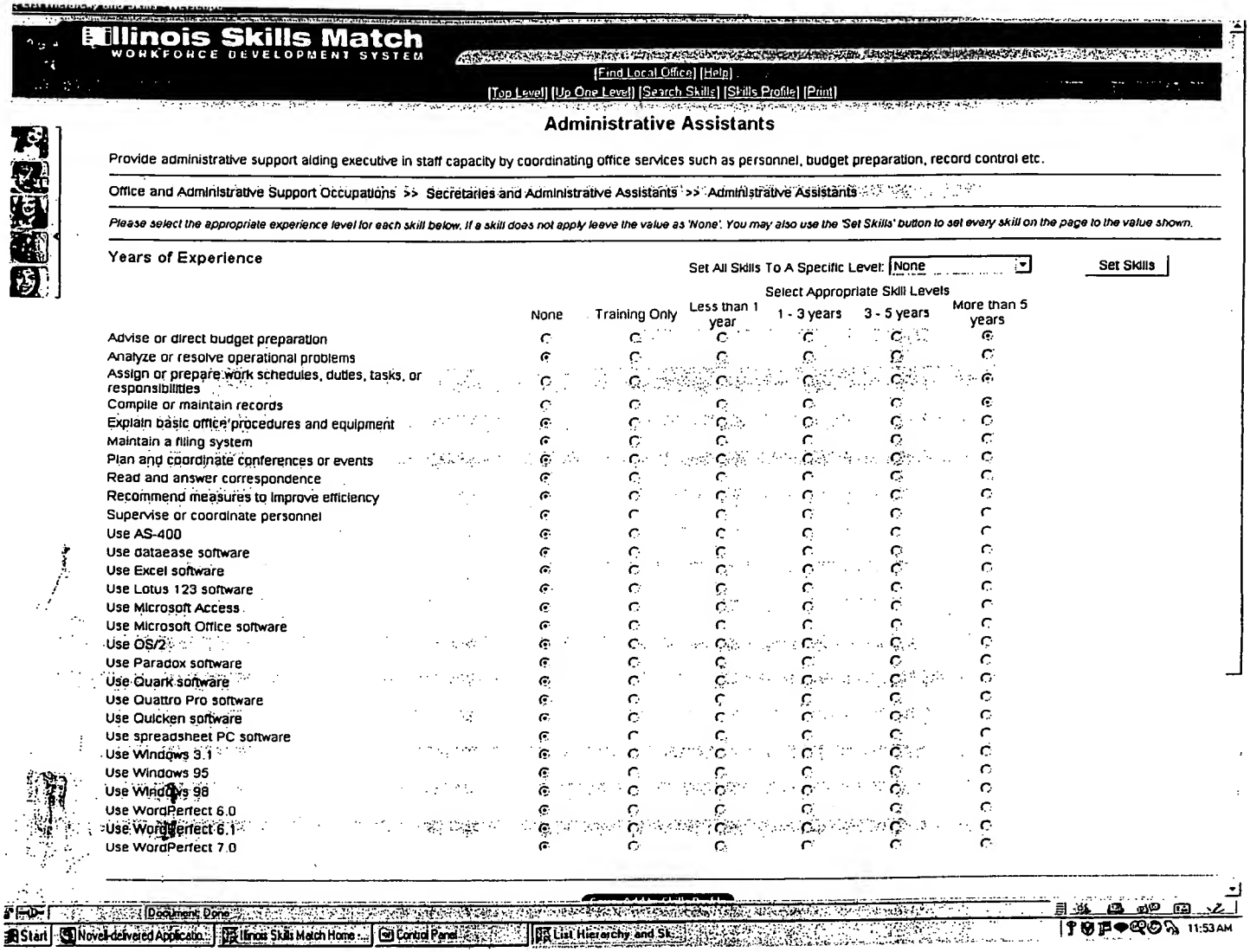
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Find Local Office] [Help]
[Top Level] [Up One Level] [Search Skills] [Skills Profile] [Print]
Administrative Assistants
Provide administrative support aiding executive in staff capacity by coordinating office services such as personnel, budget preparation, record control etc.
Office and Administrative Support Occupations >> Secretaries and Administrative Assistants >> Administrative Assistants
Please select the appropriate experience level for each skill below. If a skill does not apply leave the value as 'None'. You may also use the 'Set Skills' button to set every skill on the page to the value shown.
Years of Experience
Set All Skills To A Specific Level: None
Set Skills
Select Appropriate Skill Levels
None
Training Only
Less than 1 year
1 - 3 years
3 - 5 years
More than 5 years
Advise or direct budget preparation
Analyze or resolve operational problems
Assign or prepare work schedules, duties, tasks, or responsibilities
Compile or maintain records
Explain basic office procedures and equipment
Maintain a filing system
Plan and coordinate conferences or events
Read and answer correspondence
Recommend measures to improve efficiency
Supervise or coordinate personnel
Use AS-400
Use dataease software
Use Excel software
Use Lotus 123 software
Use Microsoft Access
Use Microsoft Office software
Use OS/2
Use Paradox software
Use Quark software
Use Quattro Pro software
Use Quicken software
Use spreadsheet PC software
Use Windows 3.1
Use Windows 95
Use Windows 98
Use WordPerfect 6.0
Use WordPerfect 6.1
Use WordPerfect 7.0
Document Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home ...
Control Panel
List Hierarchy and Sk...
11:53 AM

FIGURE 21

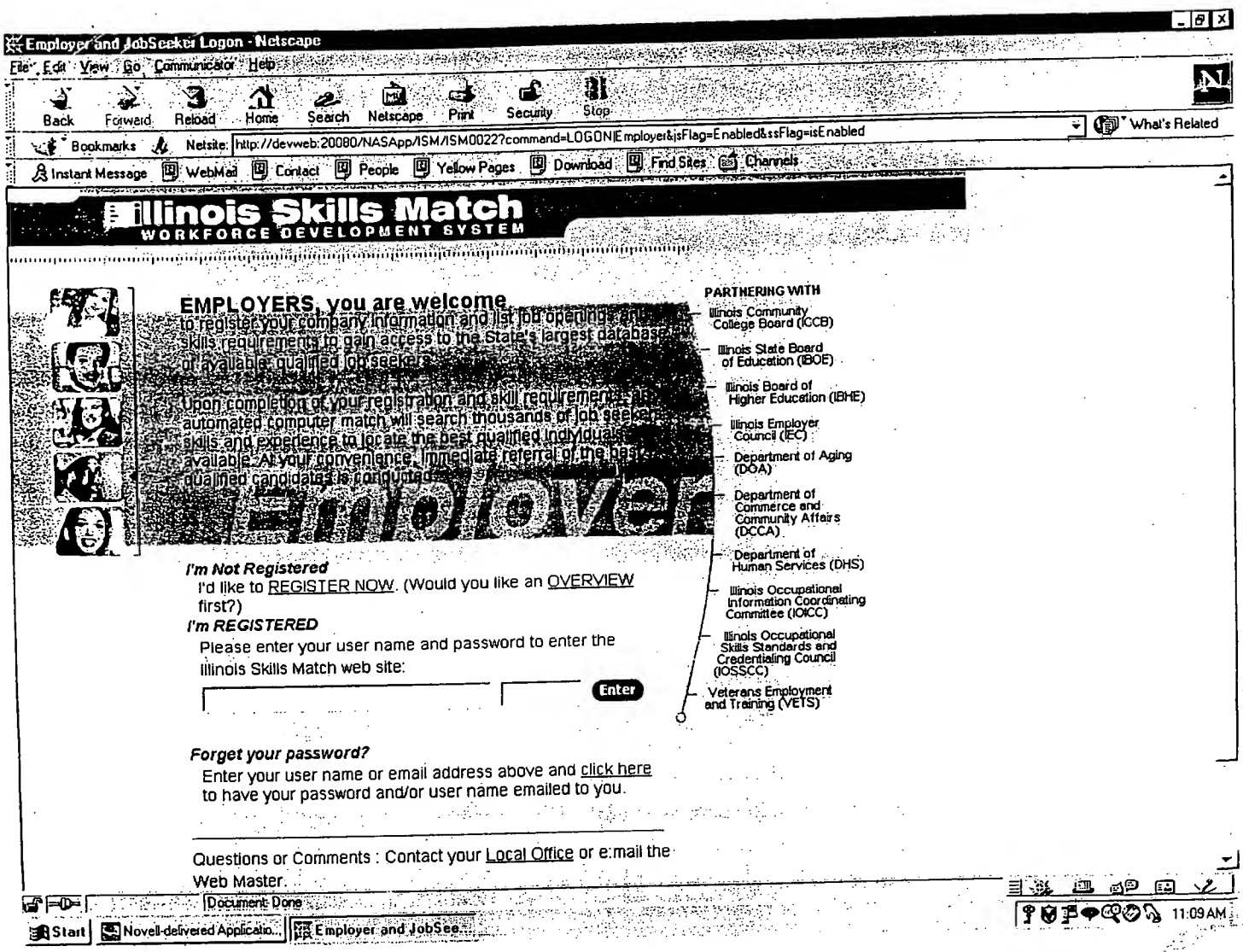
Employer and JobSeeker Logon - Netscape
File Edit View Go Communicator Help
Back Forward Reload Home Search Netscape Print Security Stop
Bookmarks Netsite: http://devweb:20080/NASApp/ISM/ISM0022?command=LOGONIEmployer&isFlag=Enabled&ssFlag=isEnabled
What's Related
Instant Message WebMail Contact People Yellow Pages Download Find Sites Channels
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
EMPLOYERS, you are welcome
to register your company information and list job openings and skills requirements to gain access to the State's largest database of available qualified job seekers.
Upon completion of your registration and skill requirements, the automated computer match will search thousands of job seeker skills and experience to locate the best qualified individuals available. At your convenience, immediate referral of the best qualified candidates is conducted.
PARTNERING WITH
Illinois Community College Board (ICCB)
Illinois State Board of Education (IBOE)
Illinois Board of Higher Education (IBHE)
Illinois Employer Council (IEC)
Department of Aging (DOA)
Department of Commerce and Community Affairs (DCCA)
Department of Human Services (DHS)
Illinois Occupational Information Coordinating Committee (IOICC)
Illinois Occupational Skills Standards and Credentialing Council (IOSSCC)
Veterans Employment and Training (VETS)
I'm Not Registered
I'd like to REGISTER NOW. (Would you like an OVERVIEW first?)
I'm REGISTERED
Please enter your user name and password to enter the Illinois Skills Match web site:
Enter
Forget your password?
Enter your user name or email address above and click here to have your password and/or user name emailed to you.
Questions or Comments : Contact your Local Office or e:mail the Web Master.
Document Done
Start
Novell-delivered Applicatio...
Employer and JobSee...
11:09 AM

FIGURE 22

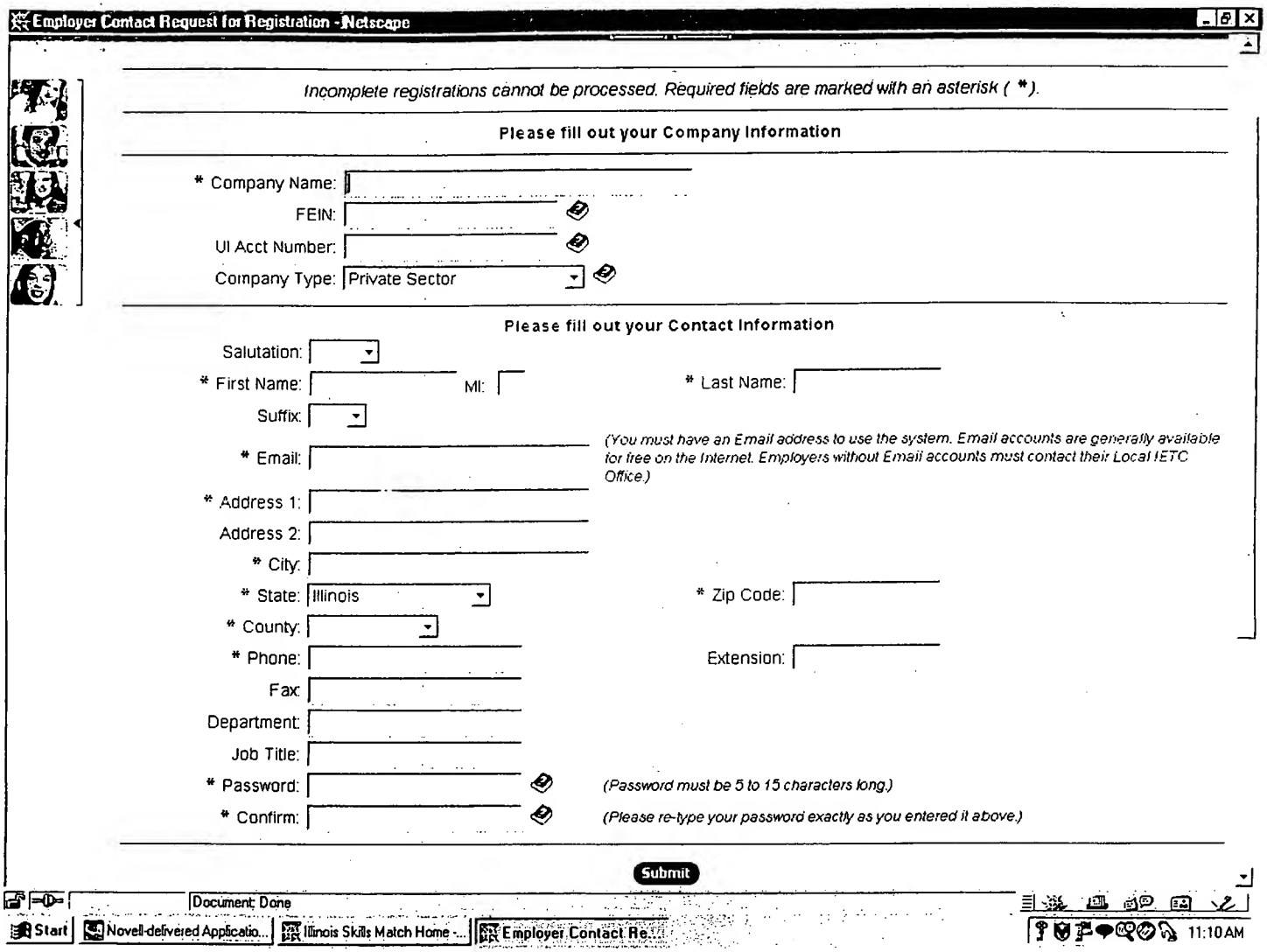
Employer Contact Request for Registration - Netscape
Incomplete registrations cannot be processed. Required fields are marked with an asterisk (*).
Please fill out your Company Information
* Company Name:
FEIN:
UI Acct Number:
Company Type: Private Sector
Please fill out your Contact Information
Salutation:
* First Name:
MI:
* Last Name:
Suffix:
* Email:
(You must have an Email address to use the system. Email accounts are generally available for free on the Internet. Employers without Email accounts must contact their Local IETC Office.)
* Address 1:
Address 2:
* City:
* State: Illinois
* Zip Code:
* County:
* Phone:
Extension:
Fax:
Department:
Job Title:
* Password:
(Password must be 5 to 15 characters long.)
* Confirm:
(Please re-type your password exactly as you entered it above.)
Submit
Document: Done
Start
Novell-delivered Applicatio...
Illinois Skills Match Home -...
Employer Contact Re...
11:10 AM

FIGURE 23

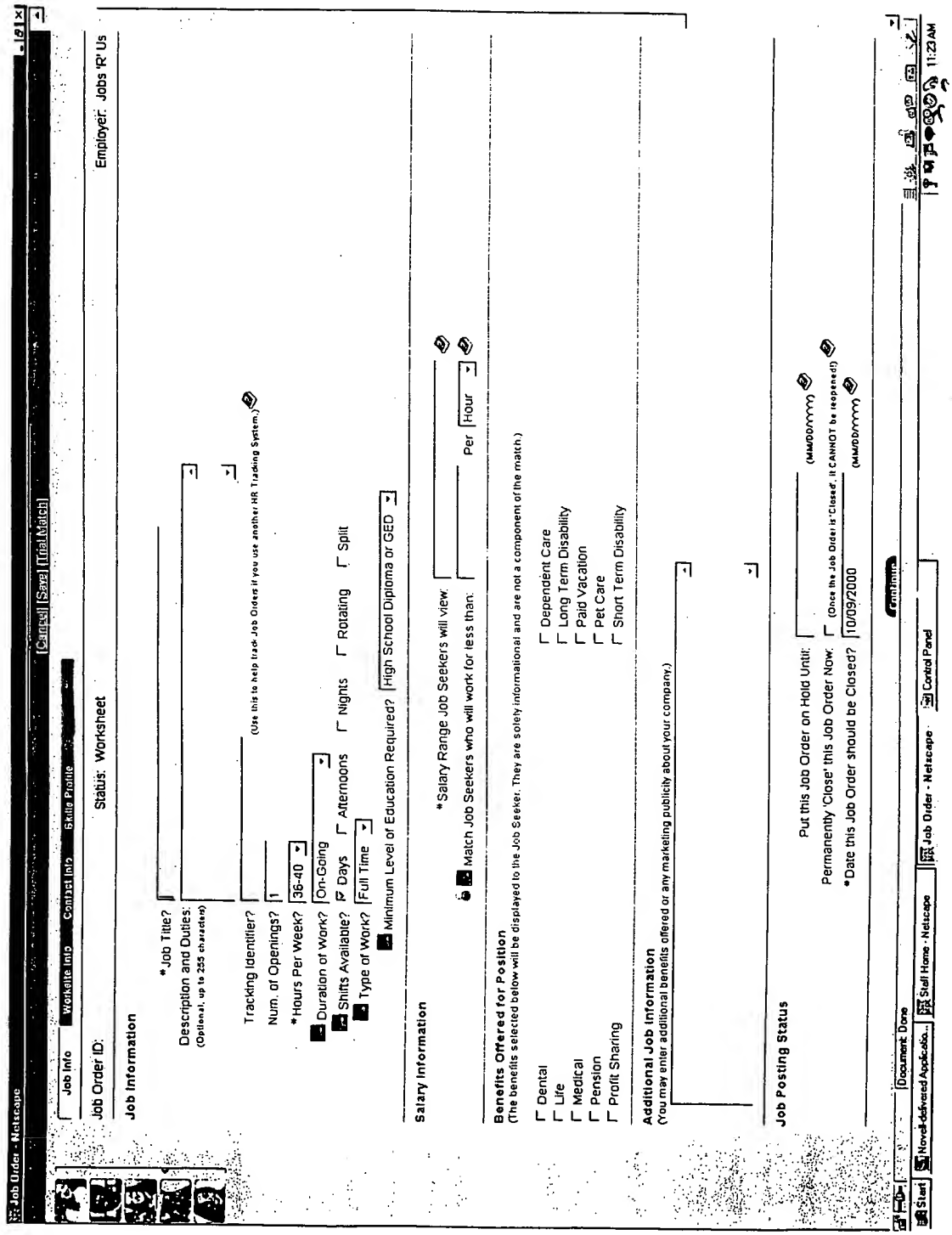
Job Order - Netscape
[Cancel] [Save] [Trial Match]
Job Info
Worksite Info
Contact Info
Skills Profile
Job Order ID:
Status: Worksheet
Employer: Jobs 'R' Us
Job Information
*Job Title?
Description and Duties:
(Optional, up to 255 characters)
Tracking Identifier?
(Use this to help track Job Orders if you use another HR Tracking System.)
Num. of Openings?
*Hours Per Week?
Duration of Work?
Shifts Available?
Type of Work?
Minimum Level of Education Required?
High School Diploma or GED
Salary Information
*Salary Range Job Seekers will view:
Per
Hour
Match Job Seekers who will work for less than:
Benefits Offered for Position
(The benefits selected below will be displayed to the Job Seeker. They are solely informational and are not a component of the match.)
Dental
Life
Medical
Pension
Profit Sharing
Dependent Care
Long Term Disability
Paid Vacation
Pet Care
Short Term Disability
Additional Job Information
(You may enter additional benefits offered or any marketing publicity about your company.)
Job Posting Status
Put this Job Order on Hold Until:
(MM/DD/YYYY)
Permanently 'Close' this Job Order Now:
(Once the Job Order is 'Closed', it CANNOT be reopened!)
*Date this Job Order should be Closed?
10/09/2000
(MM/DD/YYYY)
Cancel
Save
Start
Novell delivered Applicatio...
Staff Home - Netscape
Job Order - Netscape
Control Panel
11:23 AM

FIGURE 24

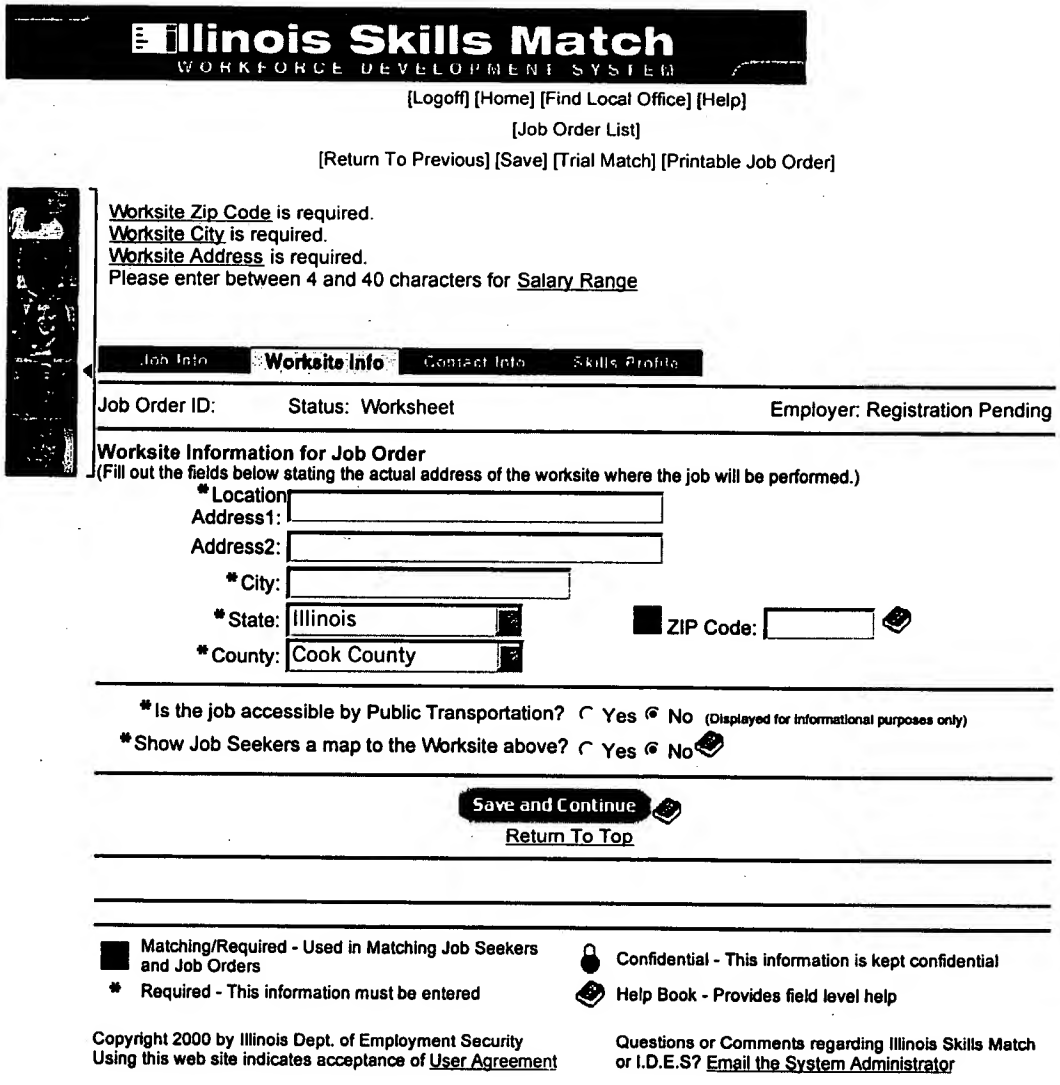
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Job Order List]
[Return To Previous] [Save] [Trial Match] [Printable Job Order]
Worksite Zip Code is required.
Worksite City is required.
Worksite Address is required.
Please enter between 4 and 40 characters for Salary Range
Job Info
Worksite Info
Contact Info
Skills Profile
Job Order ID:
Status: Worksheet
Employer: Registration Pending
Worksite Information for Job Order
(Fill out the fields below stating the actual address of the worksite where the job will be performed.)
*Location Address1:
Address2:
*City:
*State: Illinois
*County: Cook County
ZIP Code:
*Is the job accessible by Public Transportation? Yes No (Displayed for informational purposes only)
*Show Job Seekers a map to the Worksite above? Yes No
Save and Continue
Return To Top
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Questions or Comments regarding Illinois Skills Match or I.D.E.S? Email the System Administrator

Figure 25

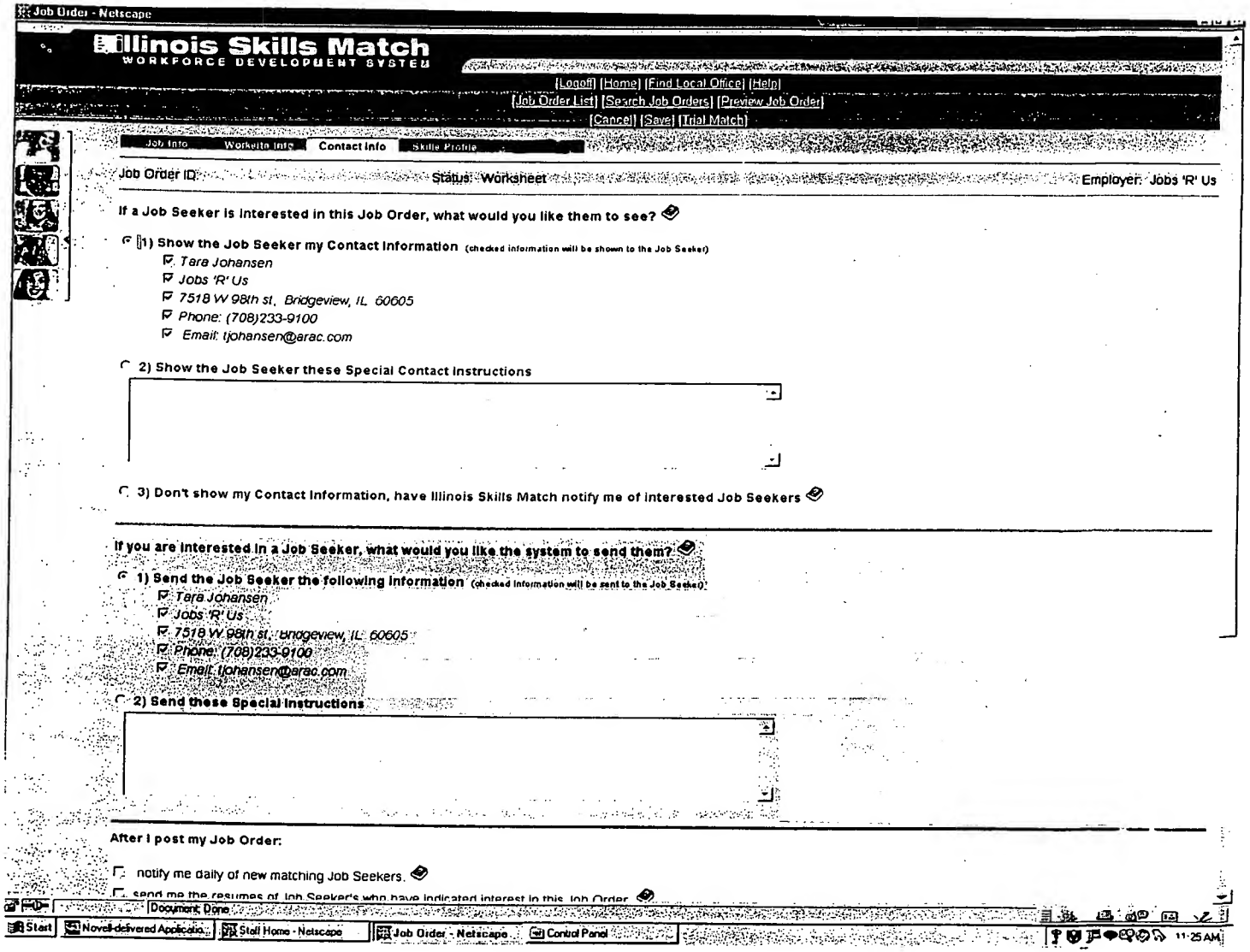

FIGURE 26

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positionees and Positioners
Mailed: July 31, 2001
26 of 60 sheets

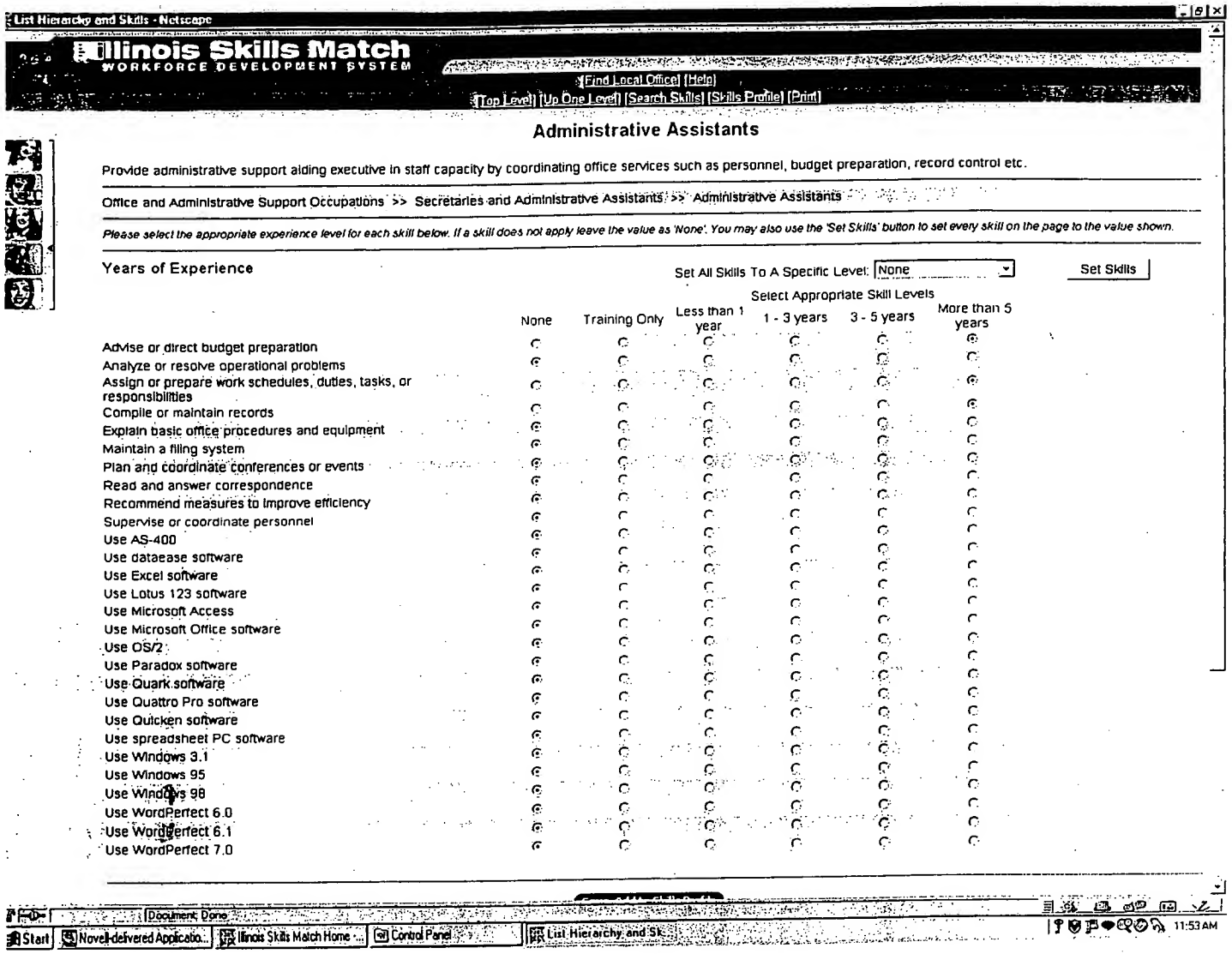

FIGURE 27

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positionees and Positioners
Mailed: July 31, 2001
27 of 60 sheets

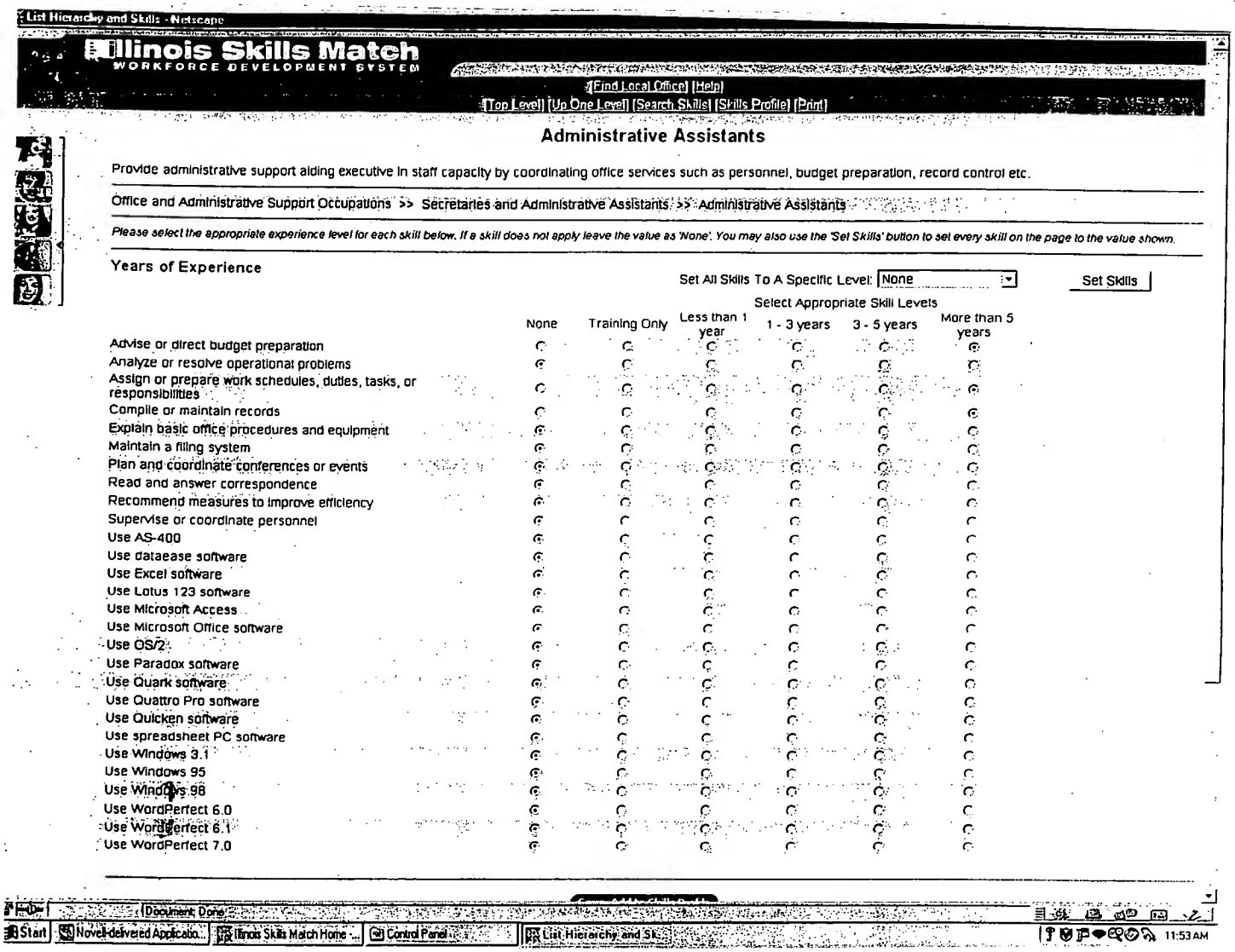

FIGURE 28

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positionees and Positioners
Mailed: July 31, 2001
28 of 60 sheets

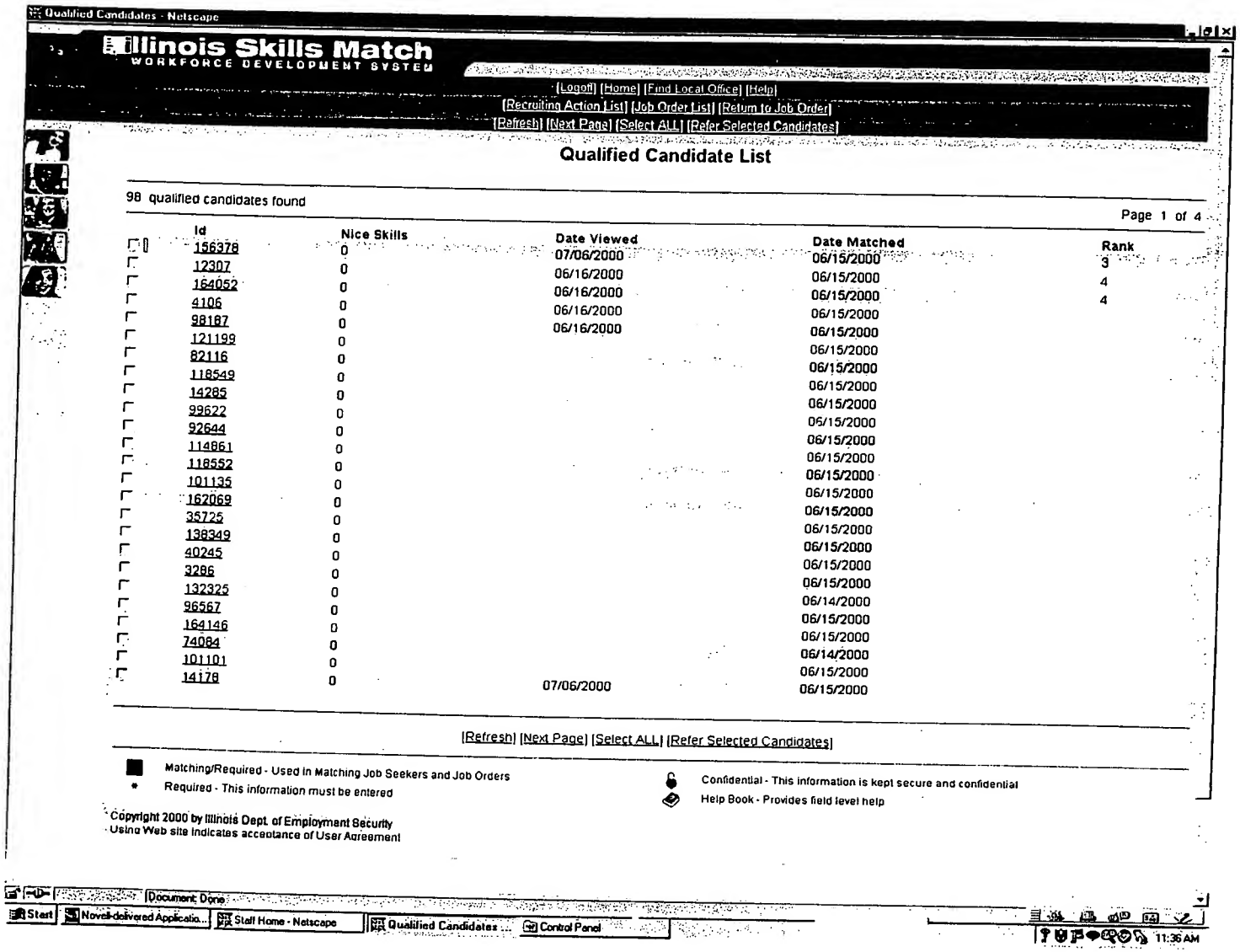

FIGURE 29

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method and System for Information Communication Between Potential Positionees and Positioners
Mailed: July 31, 2001
29 of 60 sheets

EXHIBIT 1005

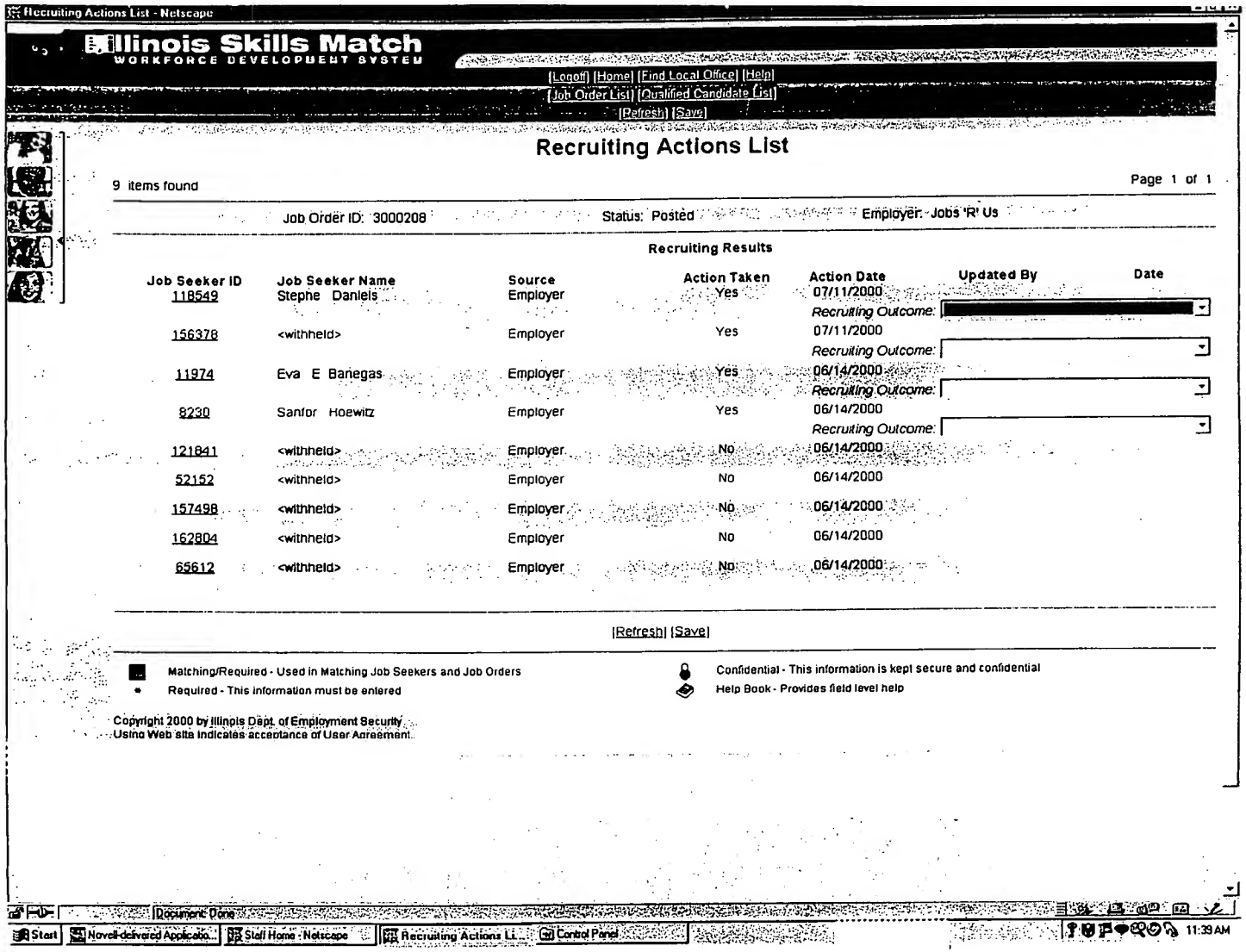
Recruiting Actions List - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Job Order List] [Qualified Candidate List]
[Refresh] [Save]
Recruiting Actions List
9 items found
Page 1 of 1
Job Order ID: 3000208
Status: Posted
Employer: Jobs 'R' Us
Recruiting Results
Job Seeker ID
Job Seeker Name
Source
Action Taken
Action Date
Updated By
Date
118549 Stephe Daniels Employer Yes 07/11/2000
Recruiting Outcome:
156378 <withheld> Employer Yes 07/11/2000
Recruiting Outcome:
11974 Eva E Banegas Employer Yes 06/14/2000
Recruiting Outcome:
8230 Sanfor Hoewitz Employer Yes 06/14/2000
Recruiting Outcome:
121841 <withheld> Employer No 06/14/2000
52152 <withheld> Employer No 06/14/2000
157498 <withheld> Employer No 06/14/2000
162804 <withheld> Employer No 06/14/2000
65612 <withheld> Employer No 06/14/2000
[Refresh] [Save]
Matching/Required - Used in Matching Job Seekers and Job Orders
Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
Recruiting Actions Li...
Control Panel
11:39 AM

FIGURE 30

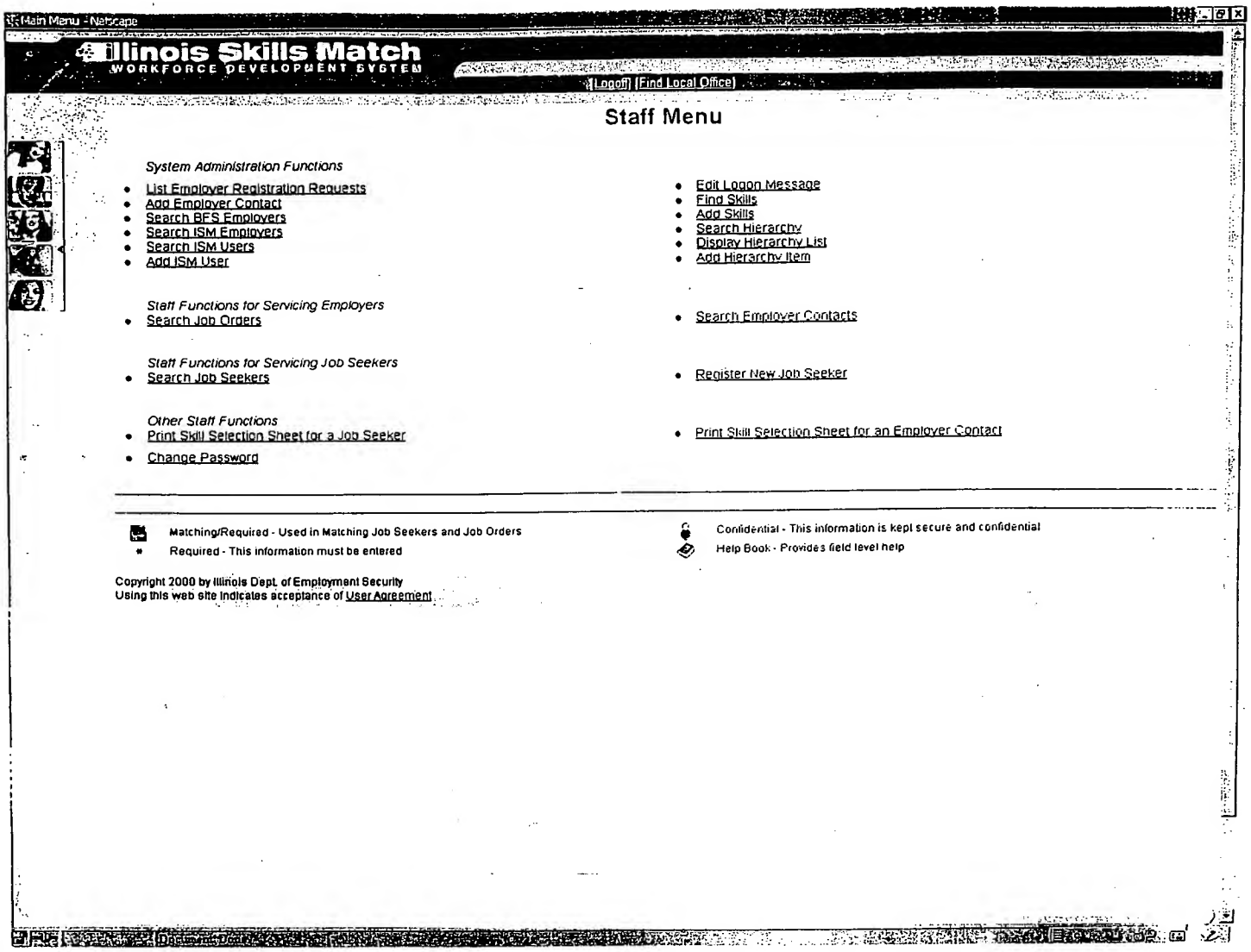

FIGURE 31

Attorney Docket No.: 5246 P 003
Inventors: Seiler et al.
Title: Method & System for Information Communication Between Potential Positioneers and Positioners
Mailed July 31, 2001
31 of 60 sheets

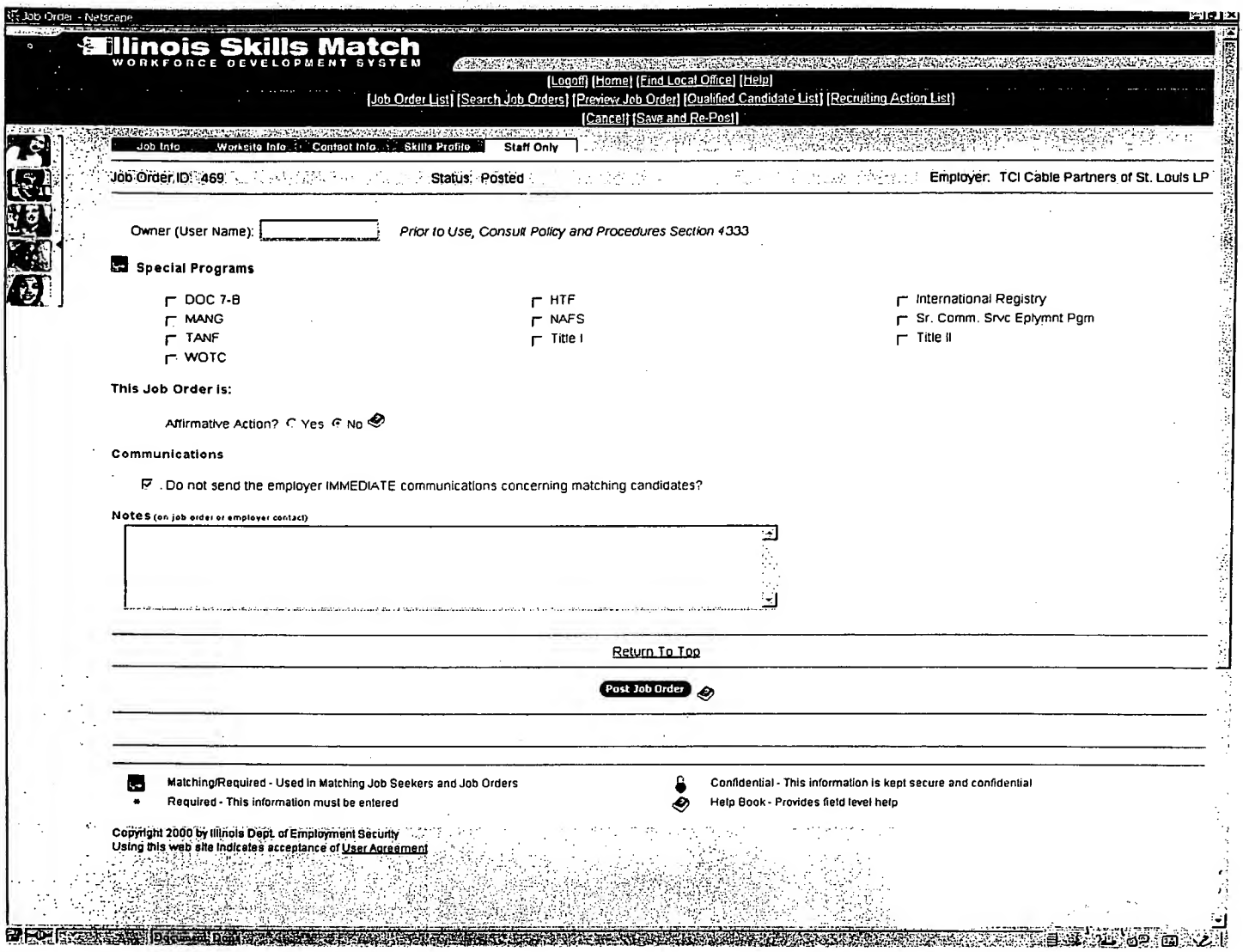

FIGURE 32

0950945.0051620

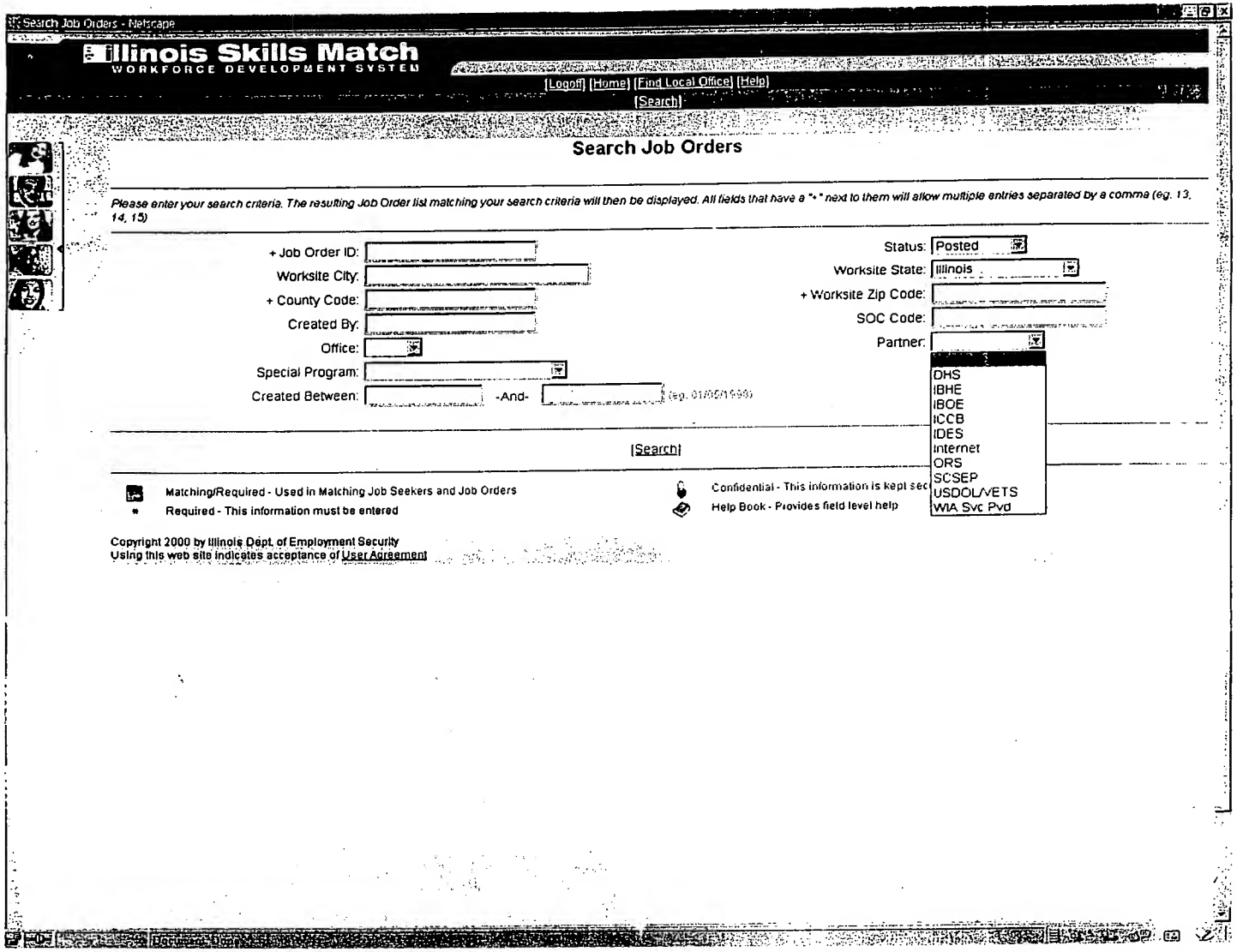

FIGURE 33

05054-05102

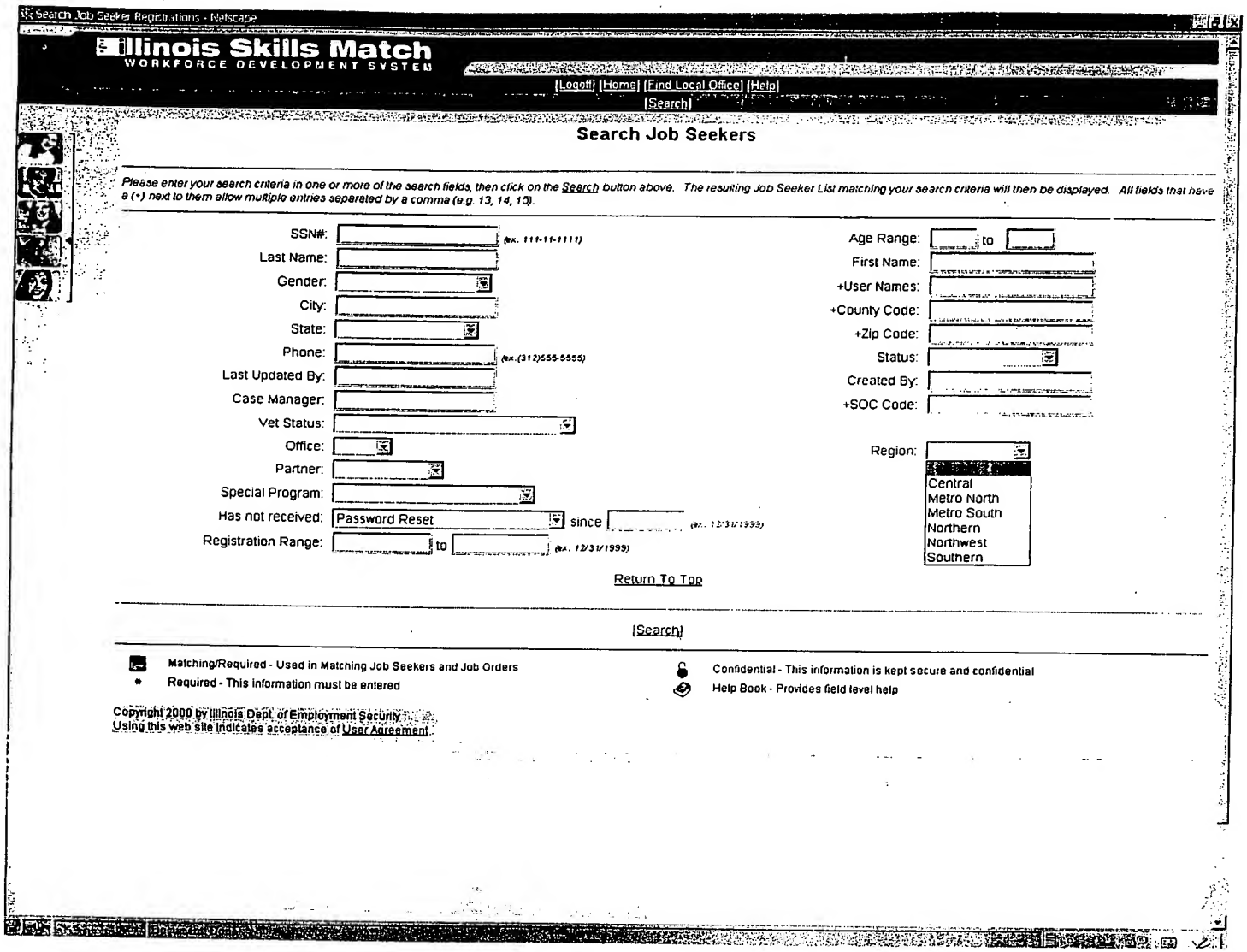
Search Job Seeker Registrations - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Search]
Search Job Seekers
Please enter your search criteria in one or more of the search fields, then click on the Search button above. The resulting Job Seeker List matching your search criteria will then be displayed. All fields that have a (*) next to them allow multiple entries separated by a comma (e.g. 13, 14, 15).
SSN#:
(ex. 111-11-1111)
Last Name:
Gender:
City:
State:
Phone:
(ex. (312)555-5555)
Last Updated By:
Case Manager:
Vet Status:
Office:
Partner:
Special Program:
Has not received:
Password Reset
since
(ex. 12/31/1999)
Registration Range:
to
(ex. 12/31/1999)
Age Range:
to
First Name:
+User Names:
+County Code:
+Zip Code:
Status:
Created By:
+SOC Code:
Region:
Central
Metro North
Metro South
Northern
Northwest
Southern
Return To Top
[Search]
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement

FIGURE 34

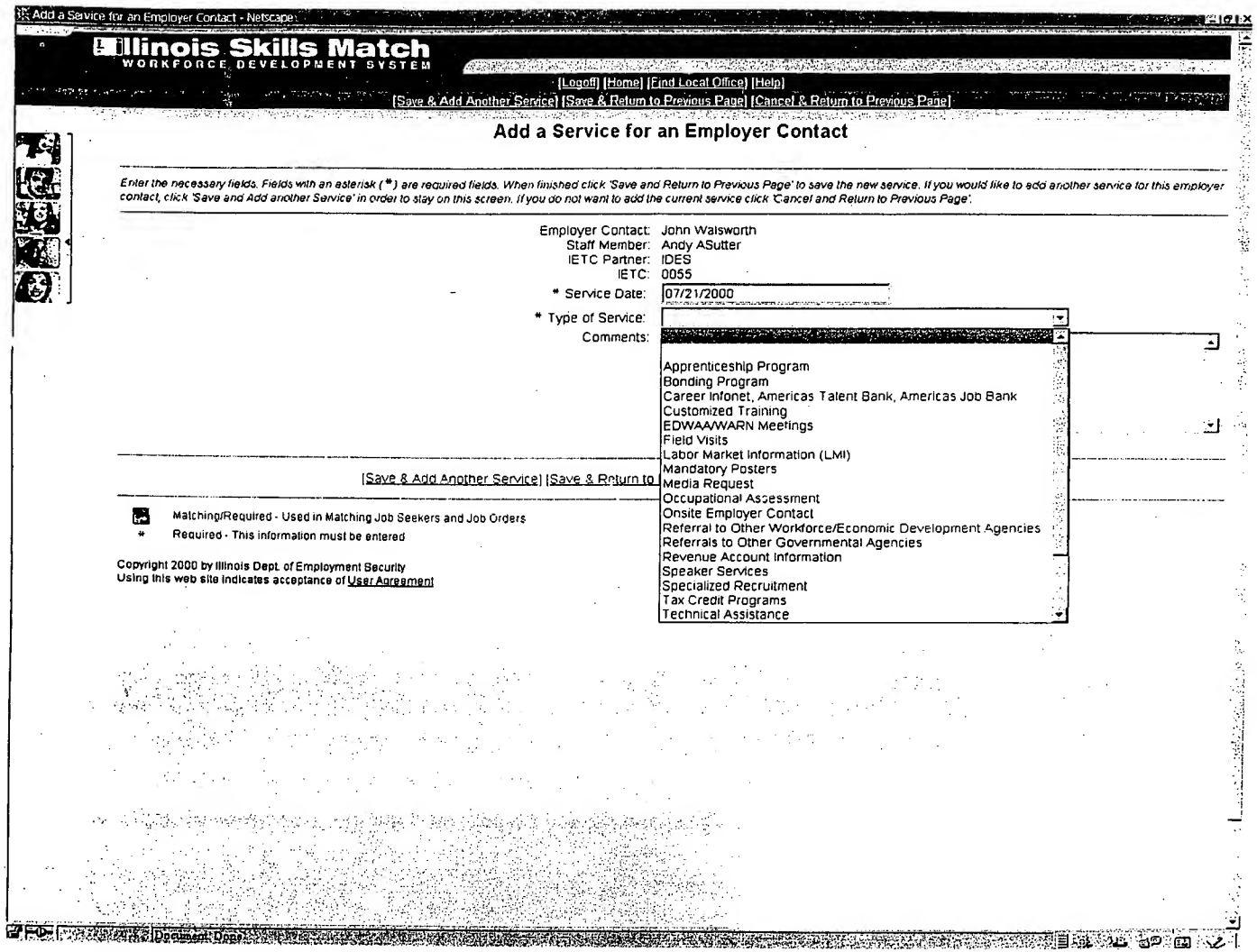
Add a Service for an Employer Contact - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Save & Add Another Service] [Save & Return to Previous Page] [Cancel & Return to Previous Page]
Add a Service for an Employer Contact
Enter the necessary fields. Fields with an asterisk (*) are required fields. When finished click 'Save and Return to Previous Page' to save the new service. If you would like to add another service for this employer contact, click 'Save and Add another Service' in order to stay on this screen. If you do not want to add the current service click 'Cancel and Return to Previous Page'.
Employer Contact: John Walsworth
Staff Member: Andy ASutter
IETC Partner: IDES
IETC: 0055
* Service Date: 07/21/2000
* Type of Service:
Comments:
Apprenticeship Program
Bonding Program
Career Infonet, Americas Talent Bank, Americas Job Bank
Customized Training
EDWAA/WARN Meetings
Field Visits
Labor Market Information (LMI)
Mandatory Posters
Media Request
Occupational Assessment
Onsite Employer Contact
Referral to Other Workforce/Economic Development Agencies
Referrals to Other Governmental Agencies
Revenue Account Information
Speaker Services
Specialized Recruitment
Tax Credit Programs
Technical Assistance
[Save & Add Another Service] [Save & Return to
Matching/Required - Used in Matching Job Seekers and Job Orders
* Required - This information must be entered
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement
Document Done

FIGURE 35

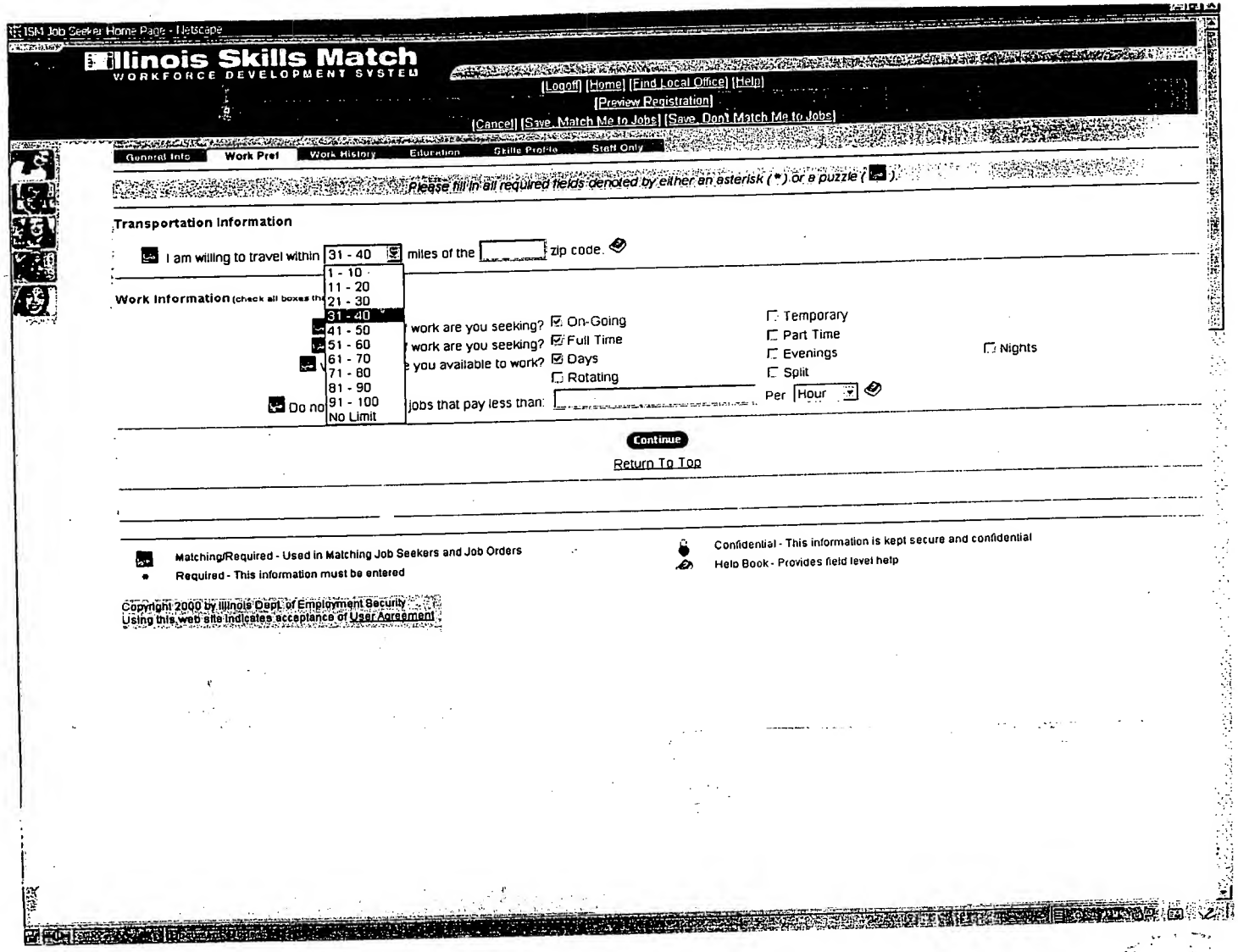
ISM Job Seeker Home Page - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Preview Registration]
[Cancel] [Save, Match Me to Jobs] [Save, Don't Match Me to Jobs]
General Info
Work Pref
Work History
Education
Skills Profile
Staff Only
Please fill in all required fields denoted by either an asterisk (*) or a puzzle ( ).
Transportation Information
I am willing to travel within 31 - 40 miles of the zip code.
1 - 10
11 - 20
21 - 30
31 - 40
41 - 50
51 - 60
61 - 70
71 - 80
81 - 90
91 - 100
No Limit
Work Information (check all boxes that
work are you seeking? On-Going
work are you seeking? Full Time
you available to work? Days
Rotating
Temporary
Part Time
Evenings
Split
Nights
Do no
jobs that pay less than:
Per Hour
Continue
Return To Top
Matching/Required - Used in Matching Job Seekers and Job Orders
Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using this web site indicates acceptance of User Agreement

FIGURE 36

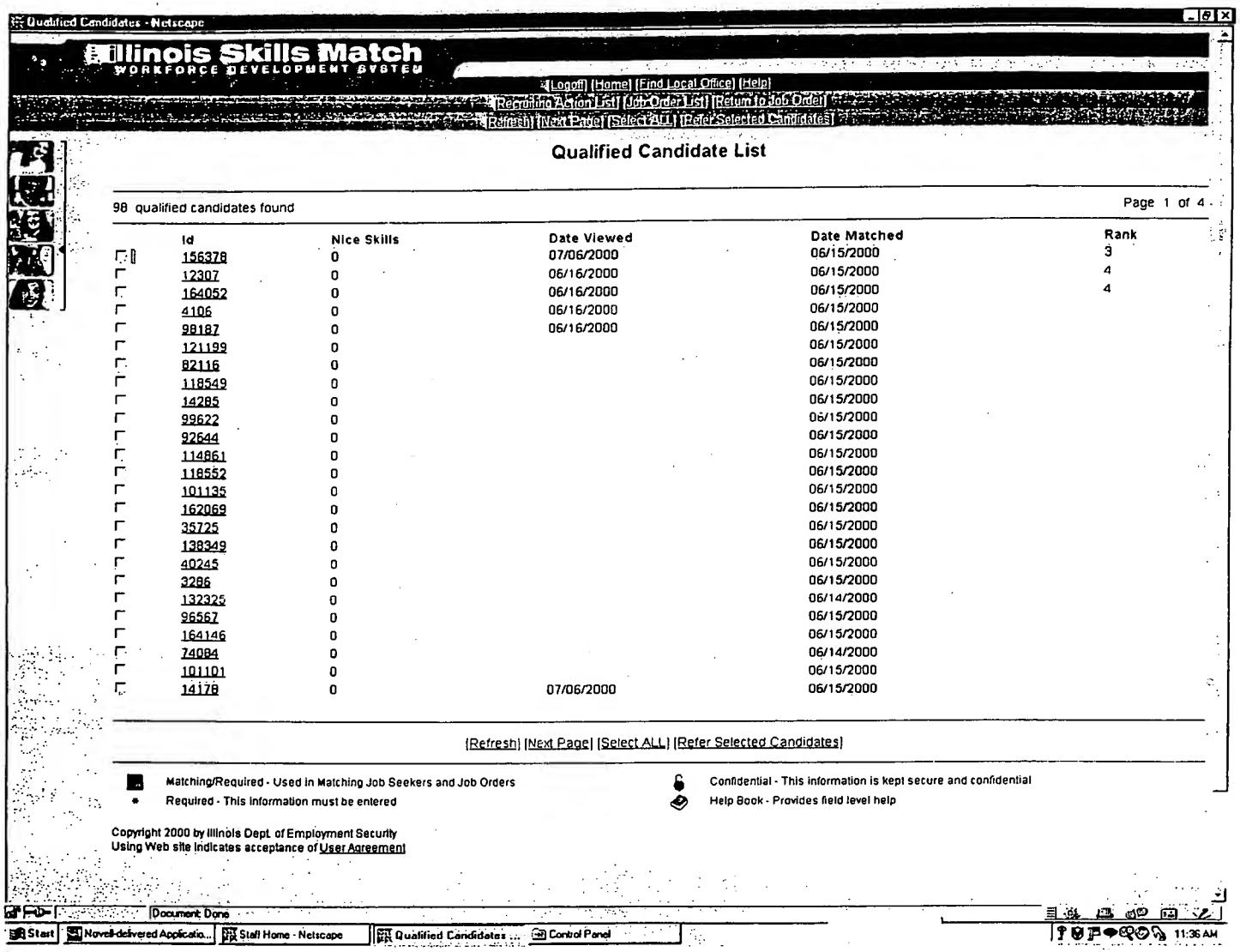
Qualified Candidates - Netscape
Illinois Skills Match
WORKFORCE DEVELOPMENT SYSTEM
[Logoff] [Home] [Find Local Office] [Help]
[Recruiting Action List] [Job Order List] [Return to Job Order]
[Refresh] [Next Page] [Select ALL] [Refer Selected Candidates]
Qualified Candidate List
98 qualified candidates found
Page 1 of 4
Id | Nice Skills | Date Viewed | Date Matched | Rank
156378 | 0 | 07/06/2000 | 06/15/2000 | 3
12307 | 0 | 06/16/2000 | 06/15/2000 | 4
164052 | 0 | 06/16/2000 | 06/15/2000 | 4
4106 | 0 | 06/16/2000 | 06/15/2000
98187 | 0 | 06/16/2000 | 06/15/2000
121199 | 0 | 06/15/2000
82116 | 0 | 06/15/2000
118549 | 0 | 06/15/2000
14285 | 0 | 06/15/2000
99622 | 0 | 06/15/2000
92644 | 0 | 06/15/2000
114861 | 0 | 06/15/2000
118552 | 0 | 06/15/2000
101135 | 0 | 06/15/2000
162069 | 0 | 06/15/2000
35725 | 0 | 06/15/2000
138349 | 0 | 06/15/2000
40245 | 0 | 06/15/2000
3286 | 0 | 06/15/2000
132325 | 0 | 06/14/2000
96567 | 0 | 06/15/2000
164146 | 0 | 06/15/2000
74084 | 0 | 06/14/2000
101101 | 0 | 06/15/2000
14178 | 0 | 07/06/2000 | 06/15/2000
[Refresh] [Next Page] [Select ALL] [Refer Selected Candidates]
Matching/Required - Used in Matching Job Seekers and Job Orders
Required - This information must be entered
Confidential - This information is kept secure and confidential
Help Book - Provides field level help
Copyright 2000 by Illinois Dept. of Employment Security
Using Web site indicates acceptance of User Agreement
Document: Done
Start
Novell-delivered Applicatio...
Staff Home - Netscape
Qualified Candidates ...
Control Panel
11:36 AM

FIGURE 37

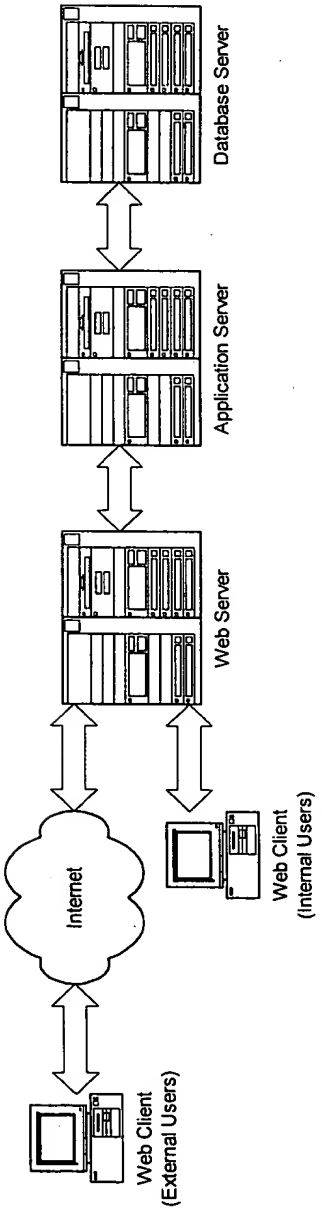
Database Server
Application Server
Web Server
Internet
Web Client (Internal Users)
Web Client (External Users)

Figure 38

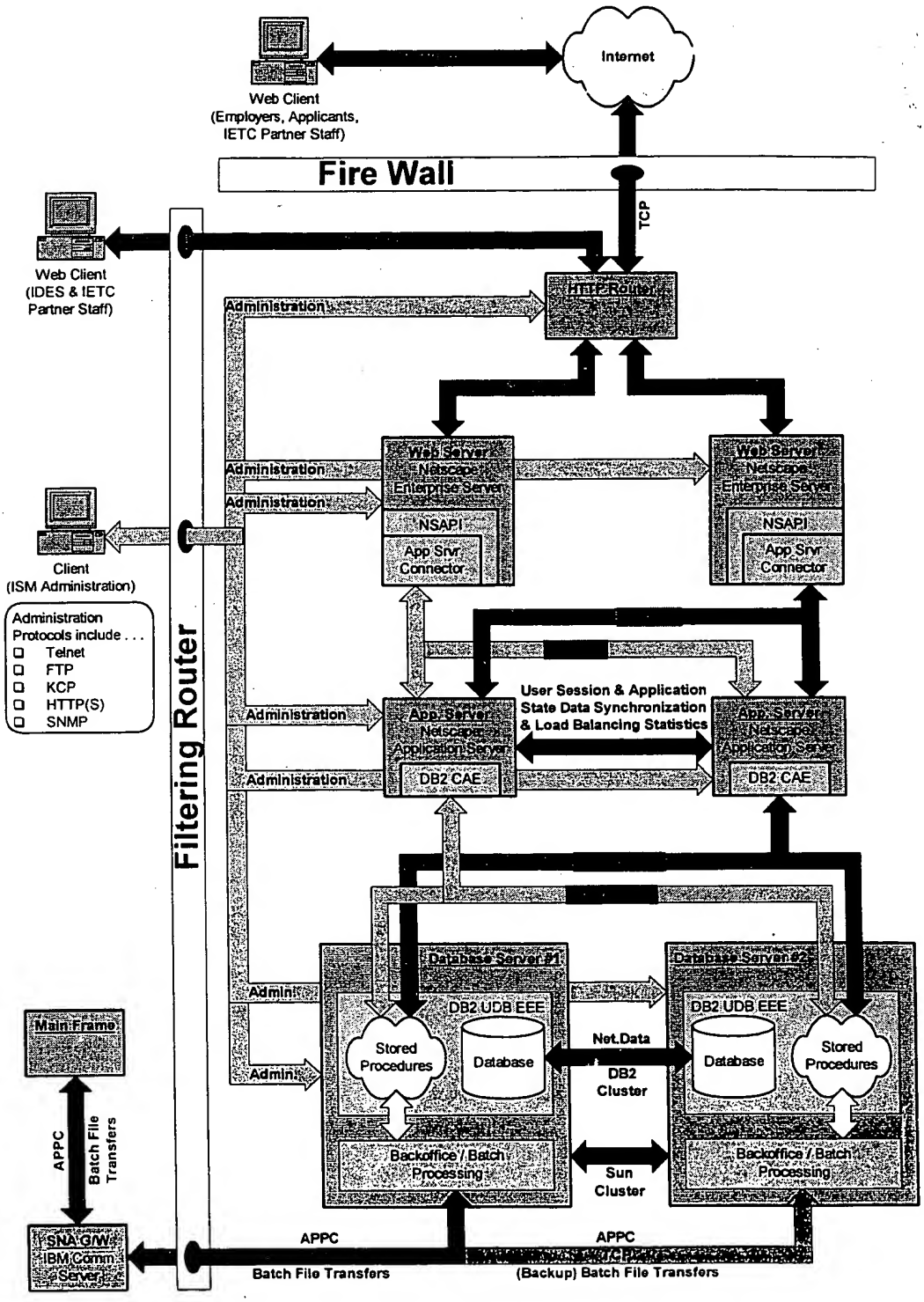
Internet
Web Client
(Employers, Applicants,
IETC Partner Staff)
Fire Wall
TCP
Web Client
(IDES & IETC
Partner Staff)
HTTP Router
Administration
Web Server
Netscape
Enterprise Server
NSAPI
App Svr
Connector
Client
(ISM Administration)
Administration
Protocols include . . .
Telnet
FTP
KCP
HTTP(S)
SNMP
Filtering Router
User Session & Application
State Data Synchronization
& Load Balancing Statistics
App Server
Netscape
Application Server
DB2 CAE
Database Server P1
Database Server P2
DB2 UDB EEE
Stored
Procedures
Database
Net.Data
DB2
Cluster
Sun
Cluster
Backoffice / Batch
Processing
Main Frame
APPC
Batch File
Transfers
SNA GW
IBM Comm
Server
APPC
Batch File Transfers
APPC
(Backup) Batch File Transfers

Figure 39

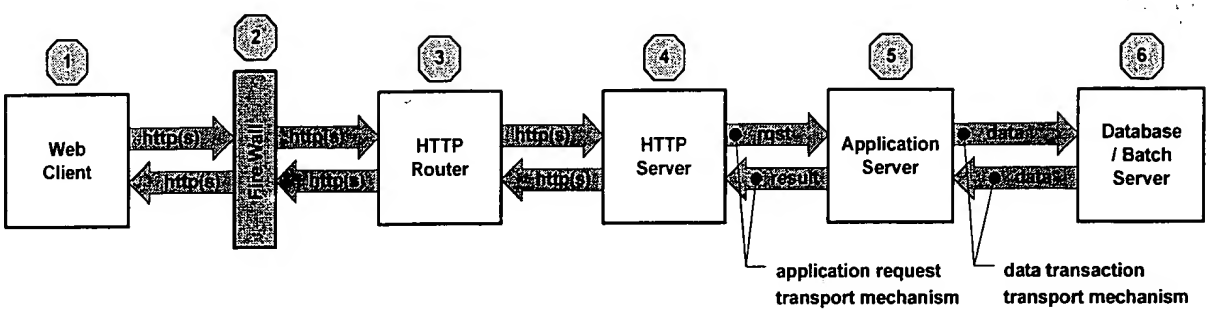

Figure 40

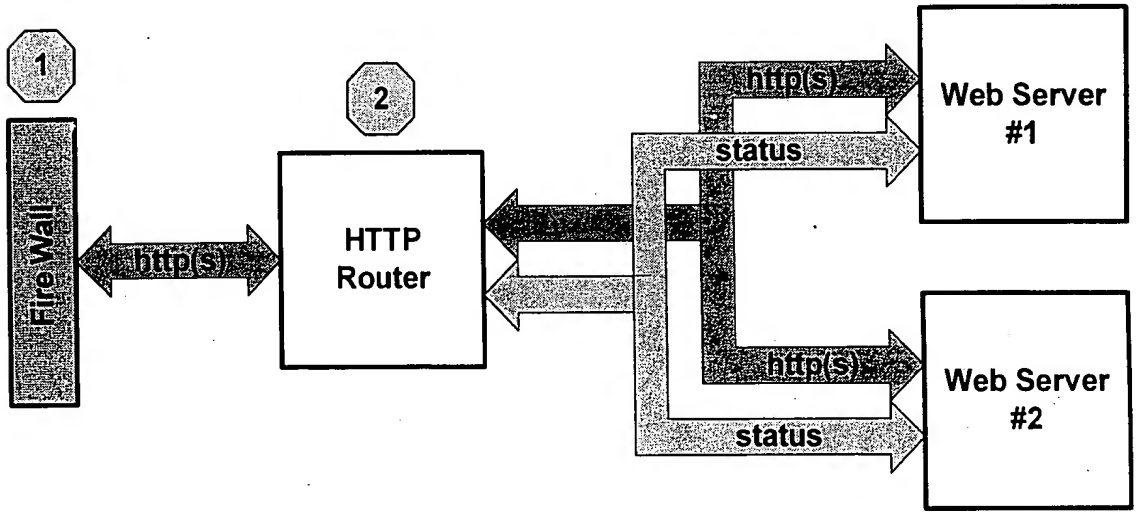

Figure 41

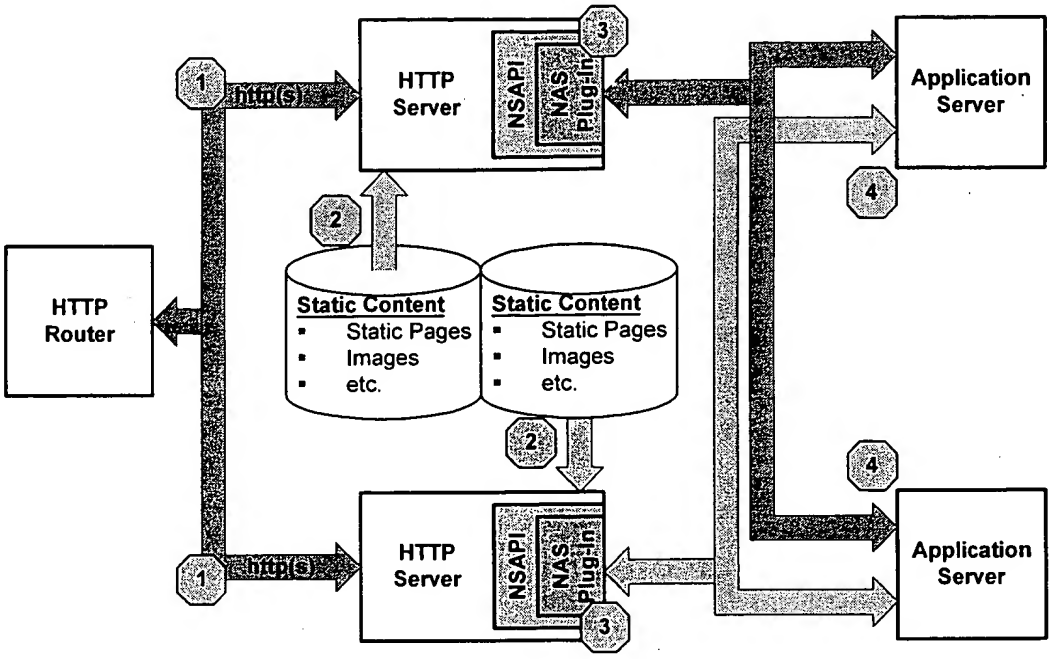

Figure 42

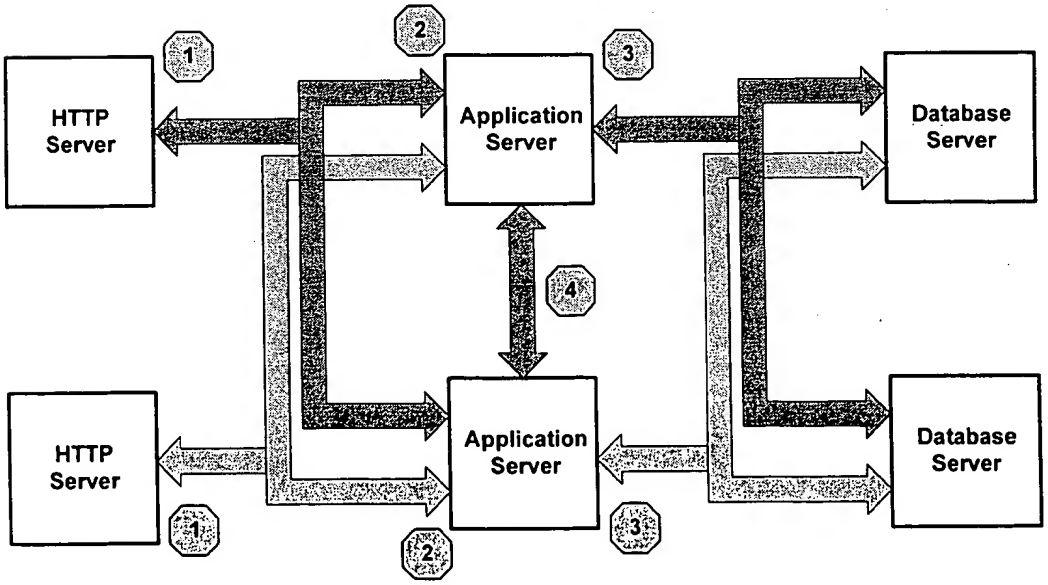

Figure 43

099[redacted]594.051602

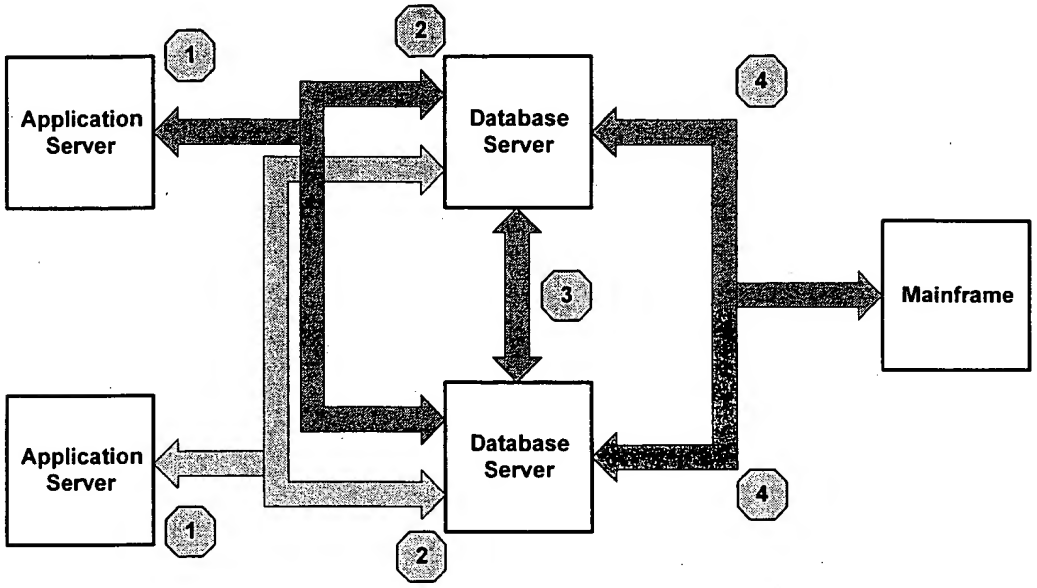

Figure 44

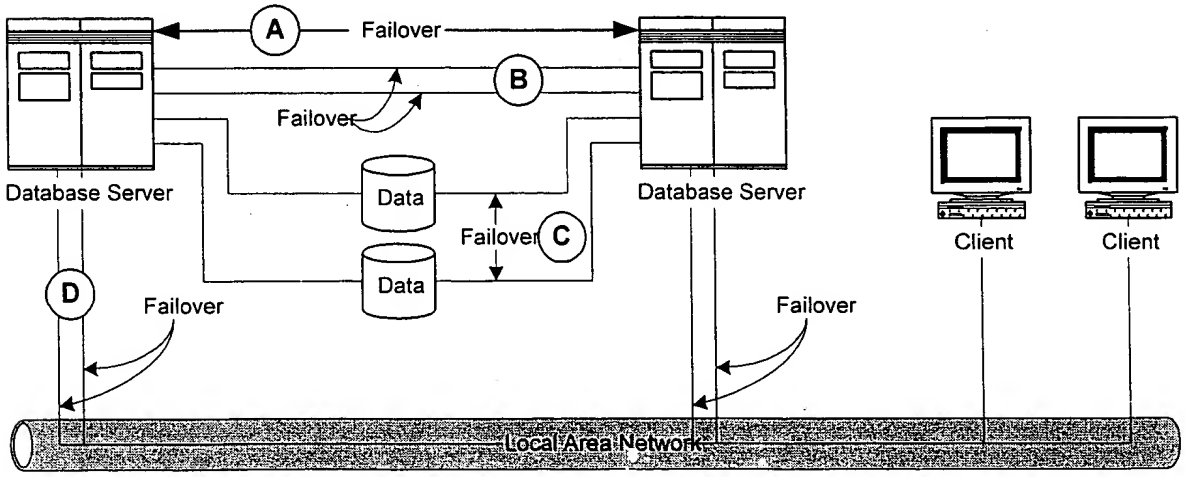

Figure 45

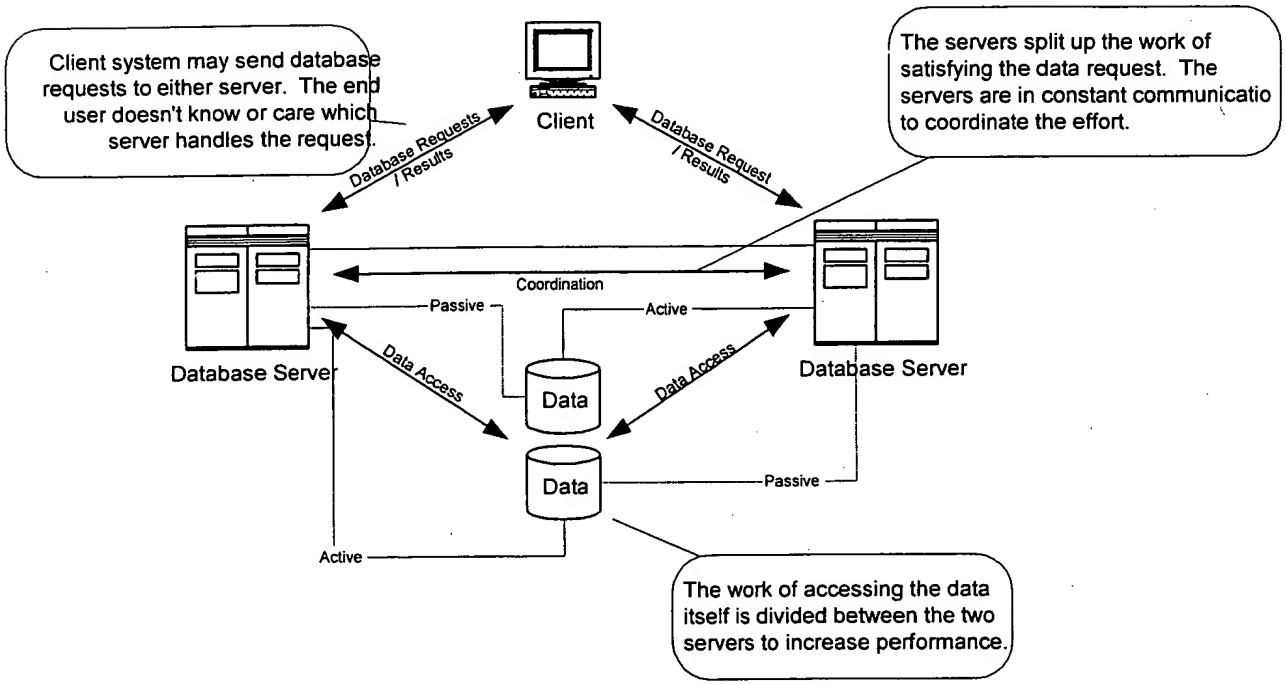
Client system may send database requests to either server. The end user doesn't know or care which server handles the request.
Client
Database Requests / Results
Database Request / Results
The servers split up the work of satisfying the data request. The servers are in constant communicatio to coordinate the effort.
Coordination
Passive
Active
Database Server
Data Access
Data
Data Access
Database Server
Data
Passive
Active
The work of accessing the data itself is divided between the two servers to increase performance.

Figure 46

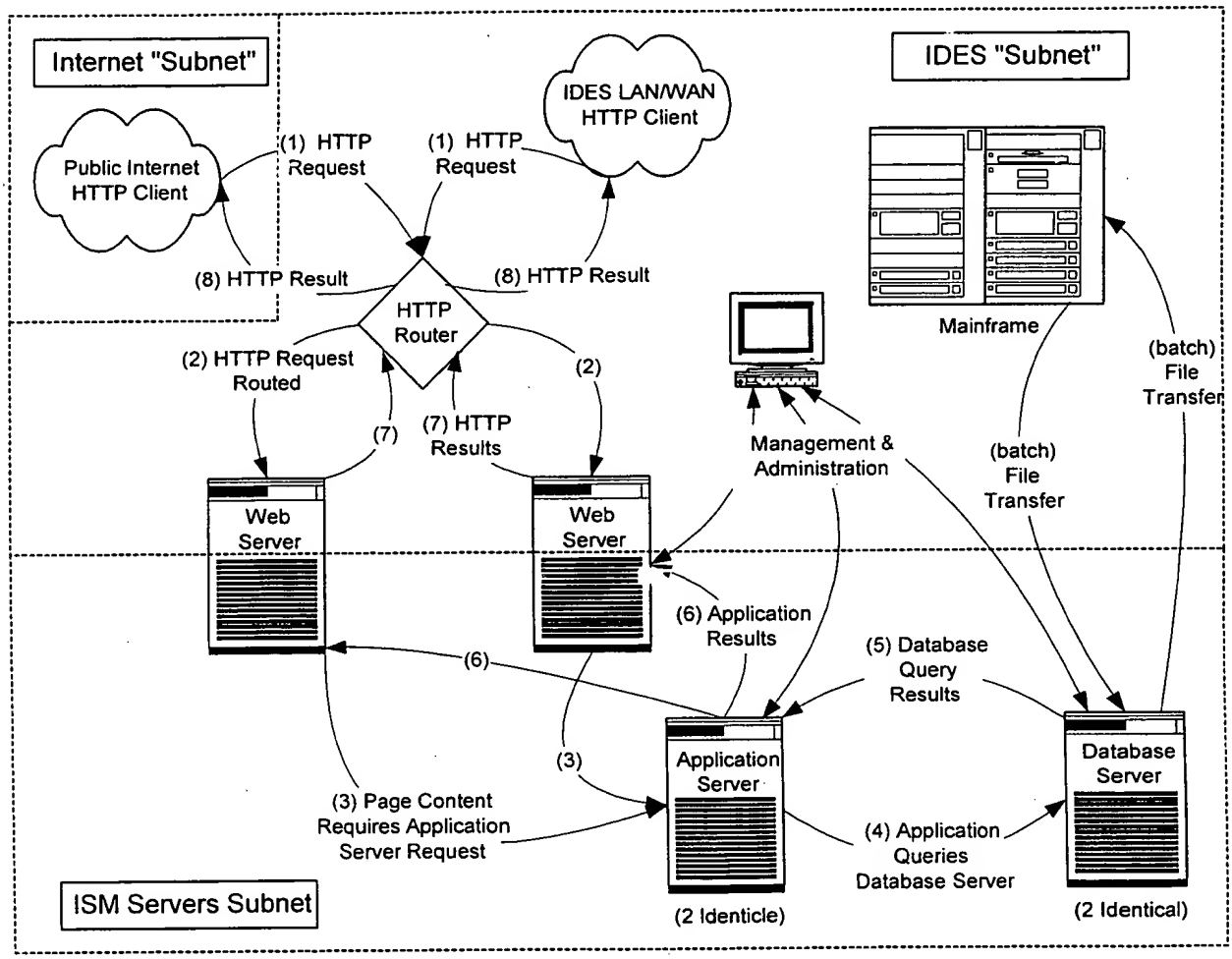
Internet "Subnet"
IDES "Subnet"
IDES LAN/WAN HTTP Client
Public Internet HTTP Client
(1) HTTP Request
(1) HTTP Request
(8) HTTP Result
(8) HTTP Result
HTTP Router
Mainframe
(batch) File Transfer
(2) HTTP Request Routed
(2)
(7)
(7) HTTP Results
Management & Administration
(batch) File Transfer
Web Server
Web Server
(6) Application Results
(6)
(5) Database Query Results
(3)
Application Server
Database Server
(3) Page Content Requires Application Server Request
(4) Application Queries Database Server
ISM Servers Subnet
(2 Identicle)
(2 Identical)

Figure 47

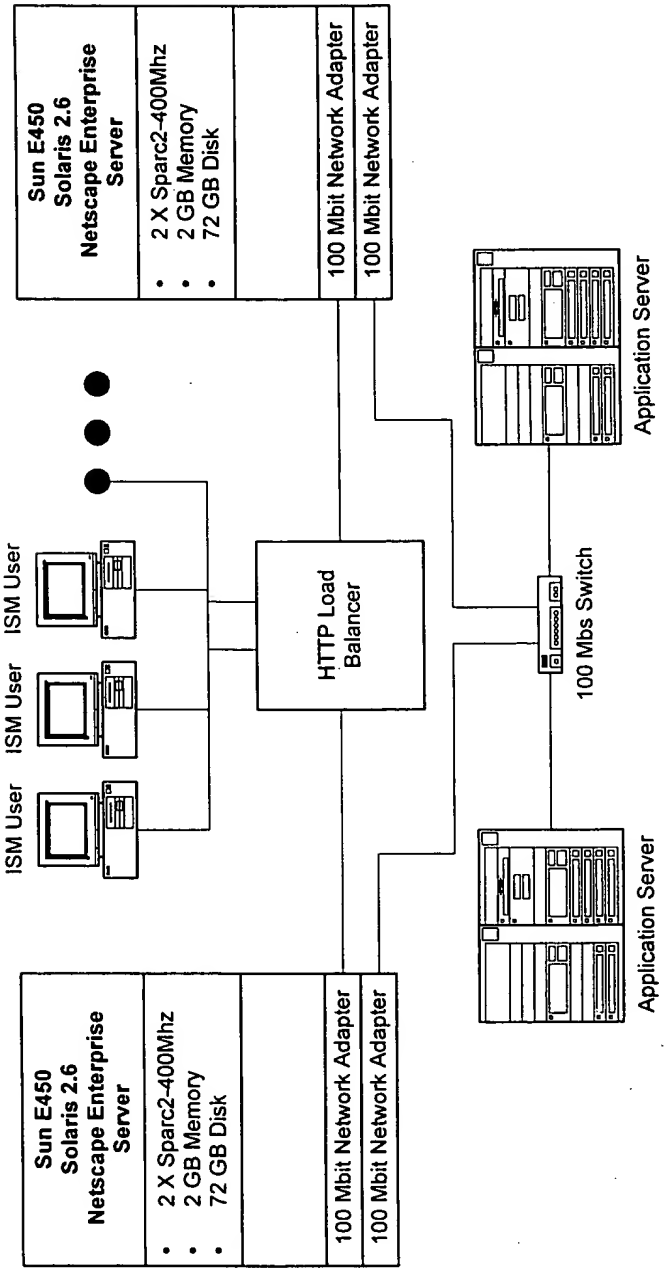
Sun E450
Solaris 2.6
Netscape Enterprise Server
2 X Sparc2-400Mhz
2 GB Memory
72 GB Disk
100 Mbit Network Adapter
100 Mbit Network Adapter
Application Server
ISM User
ISM User
ISM User
HTTP Load Balancer
100 Mbs Switch
Application Server
Sun E450
Solaris 2.6
Netscape Enterprise Server
2 X Sparc2-400Mhz
2 GB Memory
72 GB Disk
100 Mbit Network Adapter
100 Mbit Network Adapter

Figure 48

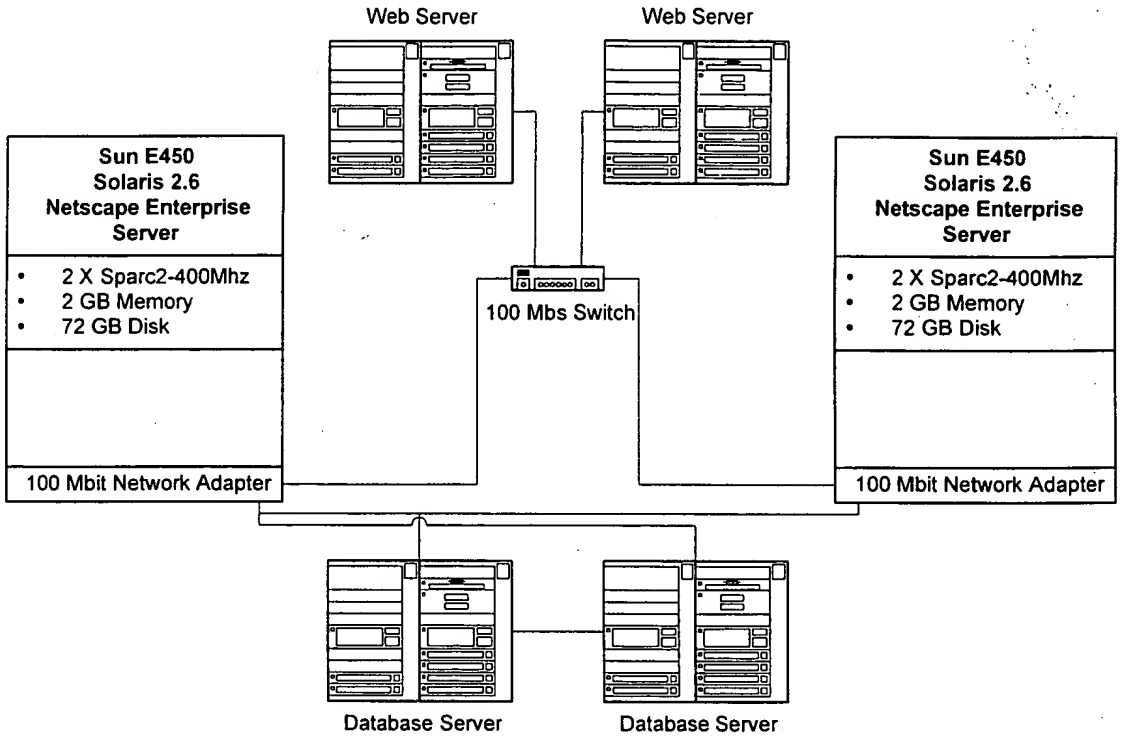

Figure 49

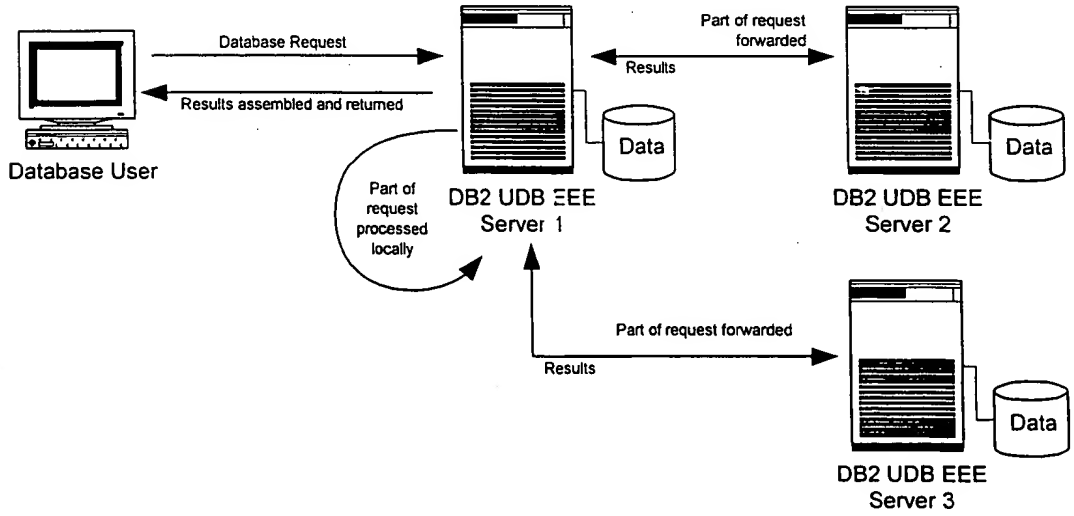

Figure 50

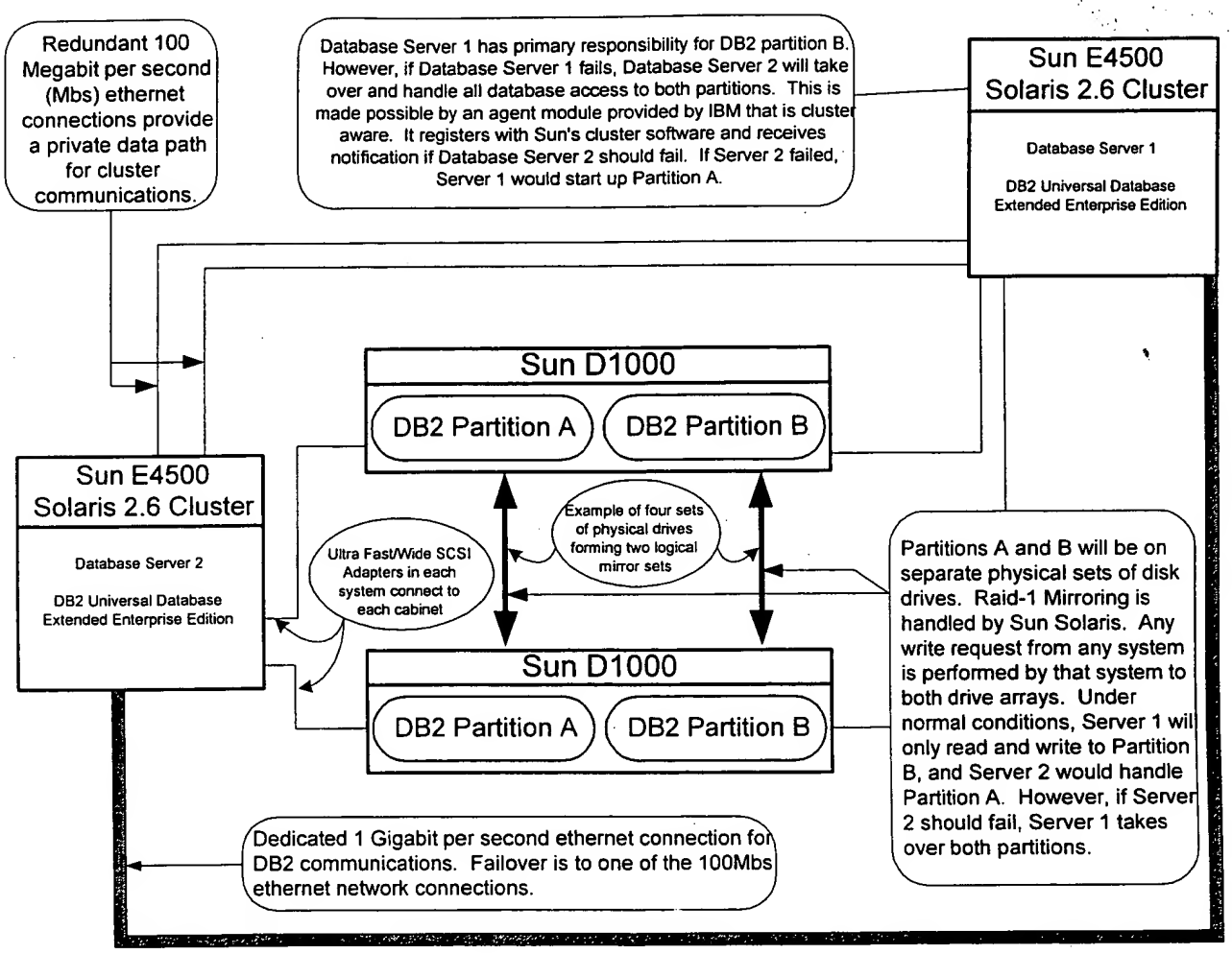
Redundant 100 Megabit per second (Mbs) ethernet connections provide a private data path for cluster communications.
Database Server 1 has primary responsibility for DB2 partition B. However, if Database Server 1 fails, Database Server 2 will take over and handle all database access to both partitions. This is made possible by an agent module provided by IBM that is cluster aware. It registers with Sun's cluster software and receives notification if Database Server 2 should fail. If Server 2 failed, Server 1 would start up Partition A.
Sun E4500 Solaris 2.6 Cluster
Database Server 1
DB2 Universal Database Extended Enterprise Edition
Sun D1000
DB2 Partition A
DB2 Partition B
Sun E4500 Solaris 2.6 Cluster
Database Server 2
DB2 Universal Database Extended Enterprise Edition
Example of four sets of physical drives forming two logical mirror sets
Ultra Fast/Wide SCSI Adapters in each system connect to each cabinet
Sun D1000
DB2 Partition A
DB2 Partition B
Partitions A and B will be on separate physical sets of disk drives. Raid-1 Mirroring is handled by Sun Solaris. Any write request from any system is performed by that system to both drive arrays. Under normal conditions, Server 1 will only read and write to Partition B, and Server 2 would handle Partition A. However, if Server 2 should fail, Server 1 takes over both partitions.
Dedicated 1 Gigabit per second ethernet connection for DB2 communications. Failover is to one of the 100Mbs ethernet network connections.

Figure 51

09[redacted]594.051602

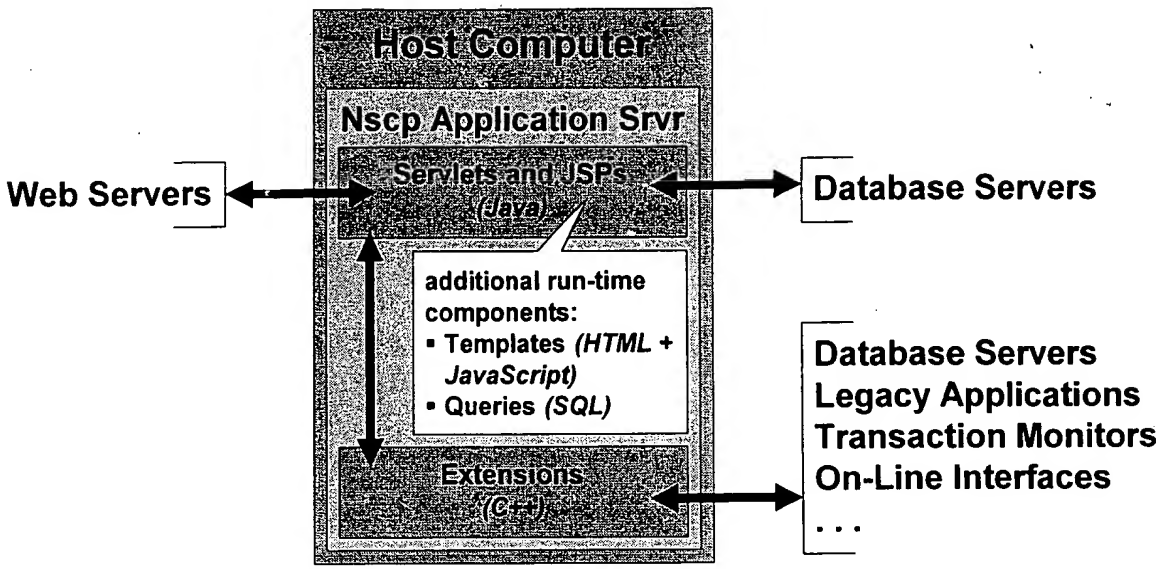

Figure 52

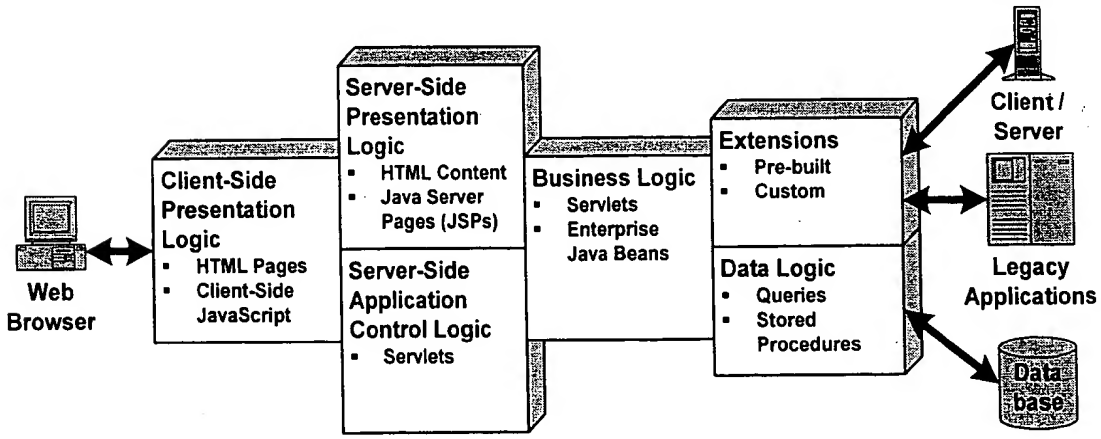

Figure 53

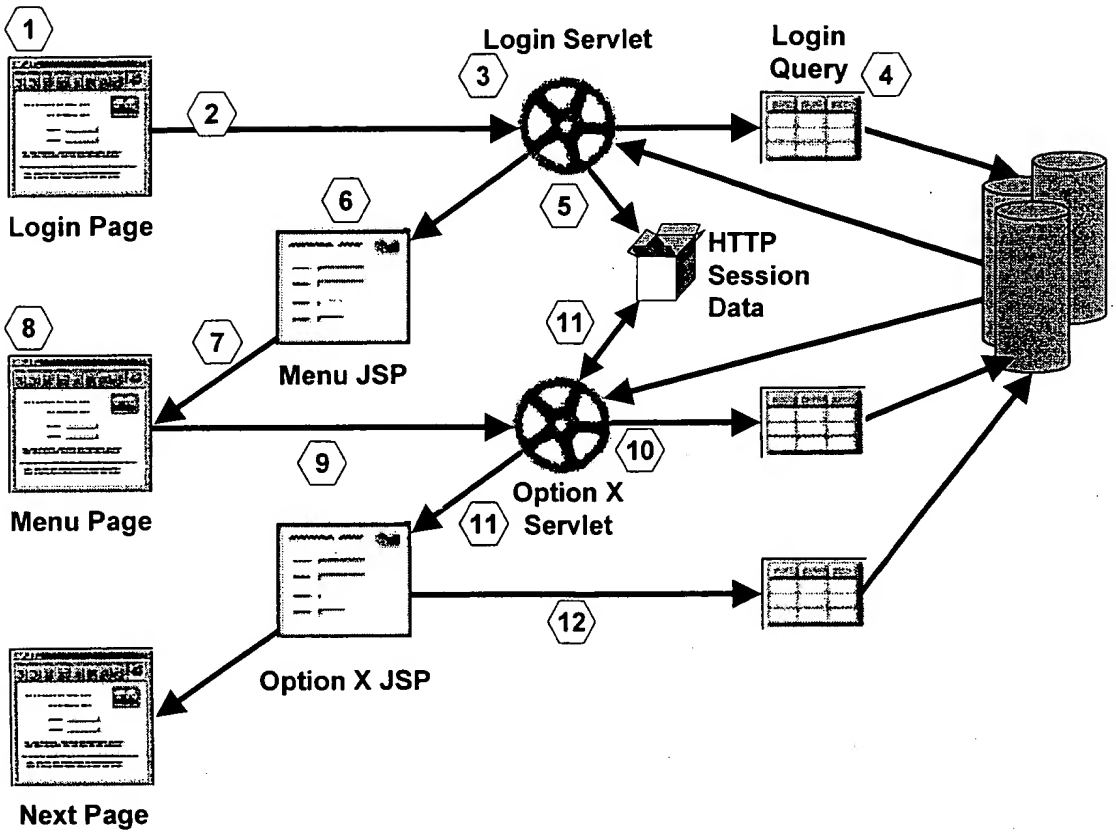
1
Login Page
2
Login Servlet
3
Login Query
4
5
HTTP Session Data
6
Menu JSP
7
8
Menu Page
9
10
11
Option X Servlet
11
12
Option X JSP
Next Page

Figure 54

09/[redacted]594.051602

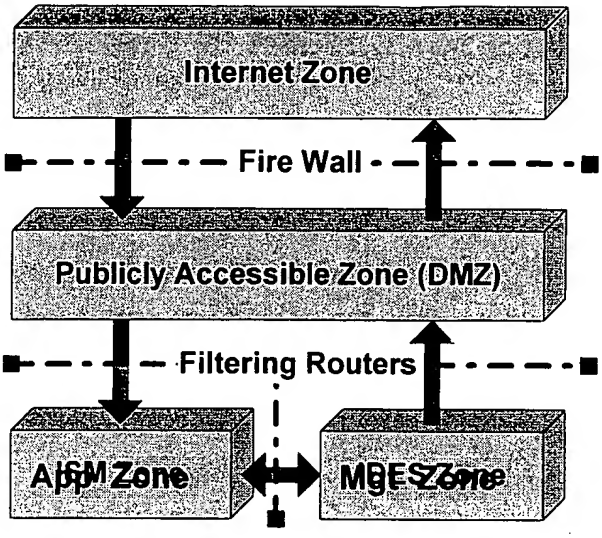

Figure 55

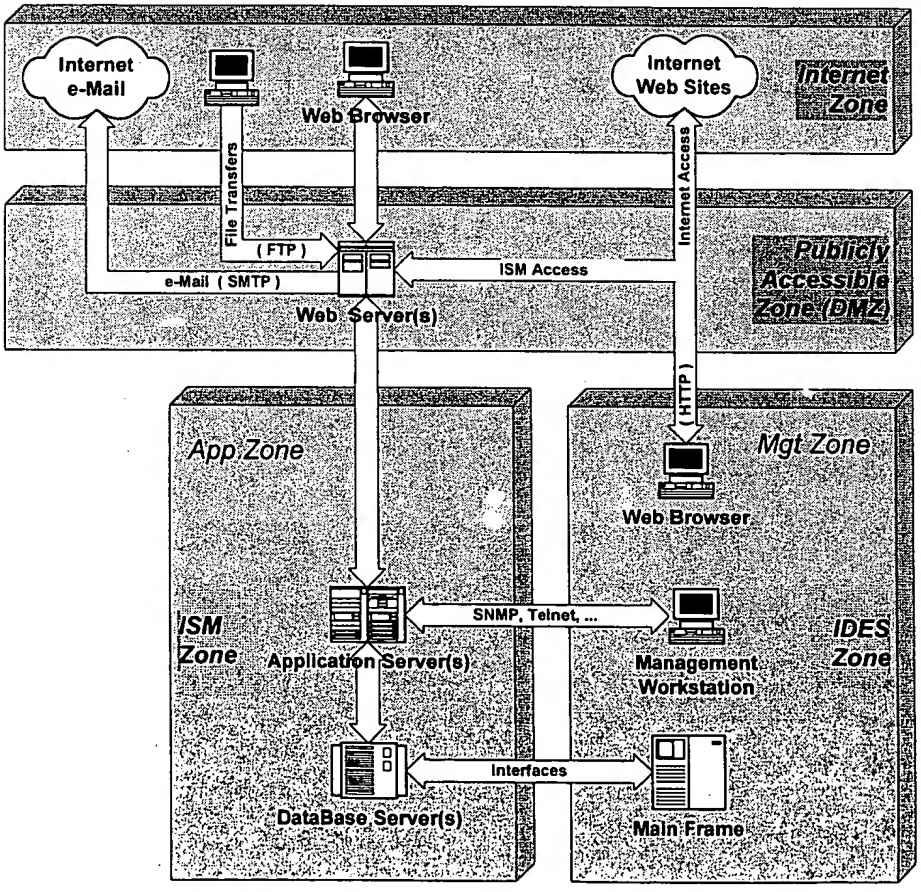

Figure 56

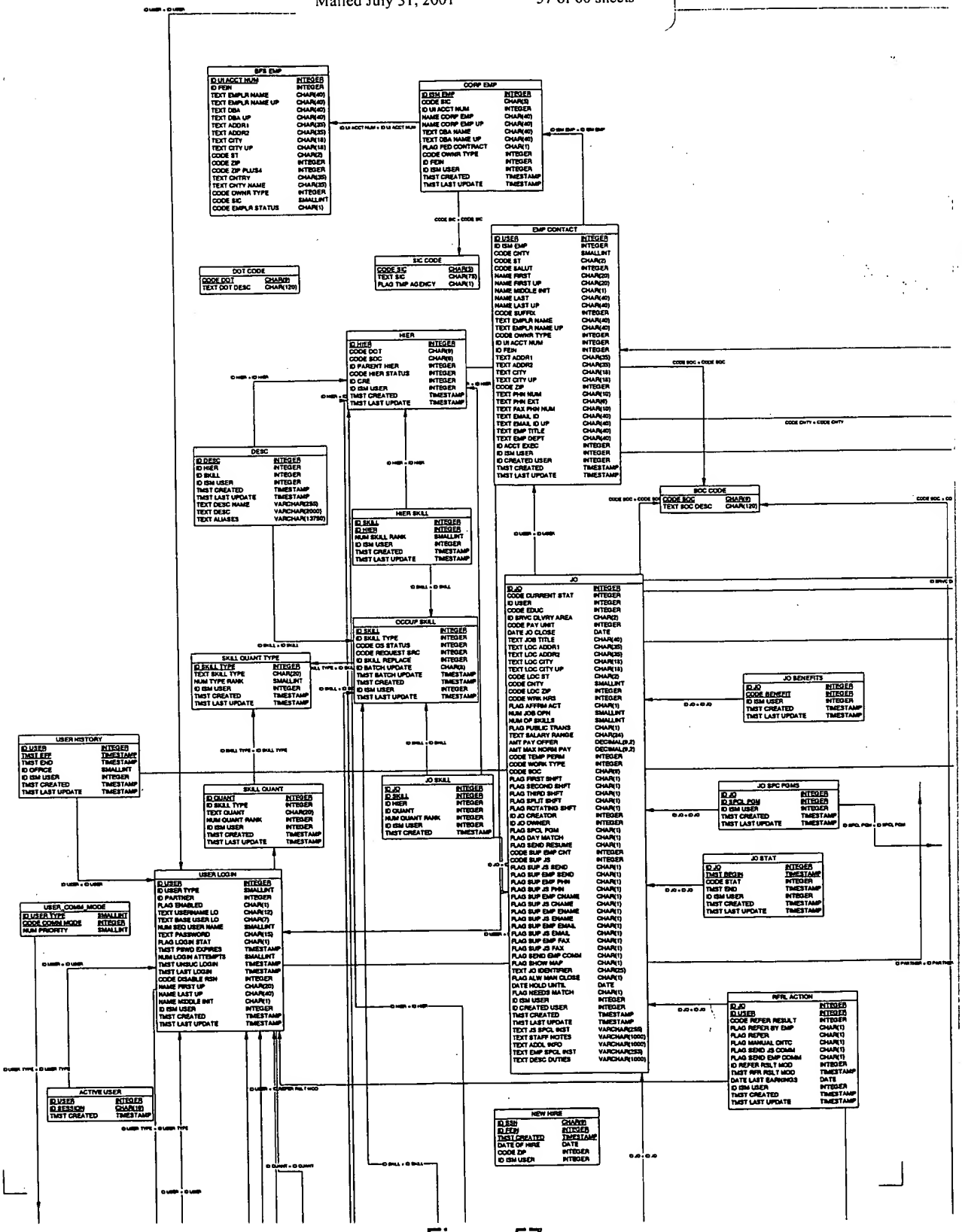
SPS EMP
CORP EMP
EMP CONTACT
DOT CODE
SIC CODE
HIER
DESC
HIER SKILL
OCCUP SKILL
SKILL QUANT TYPE
SKILL QUANT
BOC CODE
JO
JO BENEFITS
JO SPC PGMS
JO STAT
RFRL ACTION
USER HISTORY
USER LOGIN
USER_COMM_MODE
ACTIVE USER
NEW HIRE
JO SKILL

Figure 57

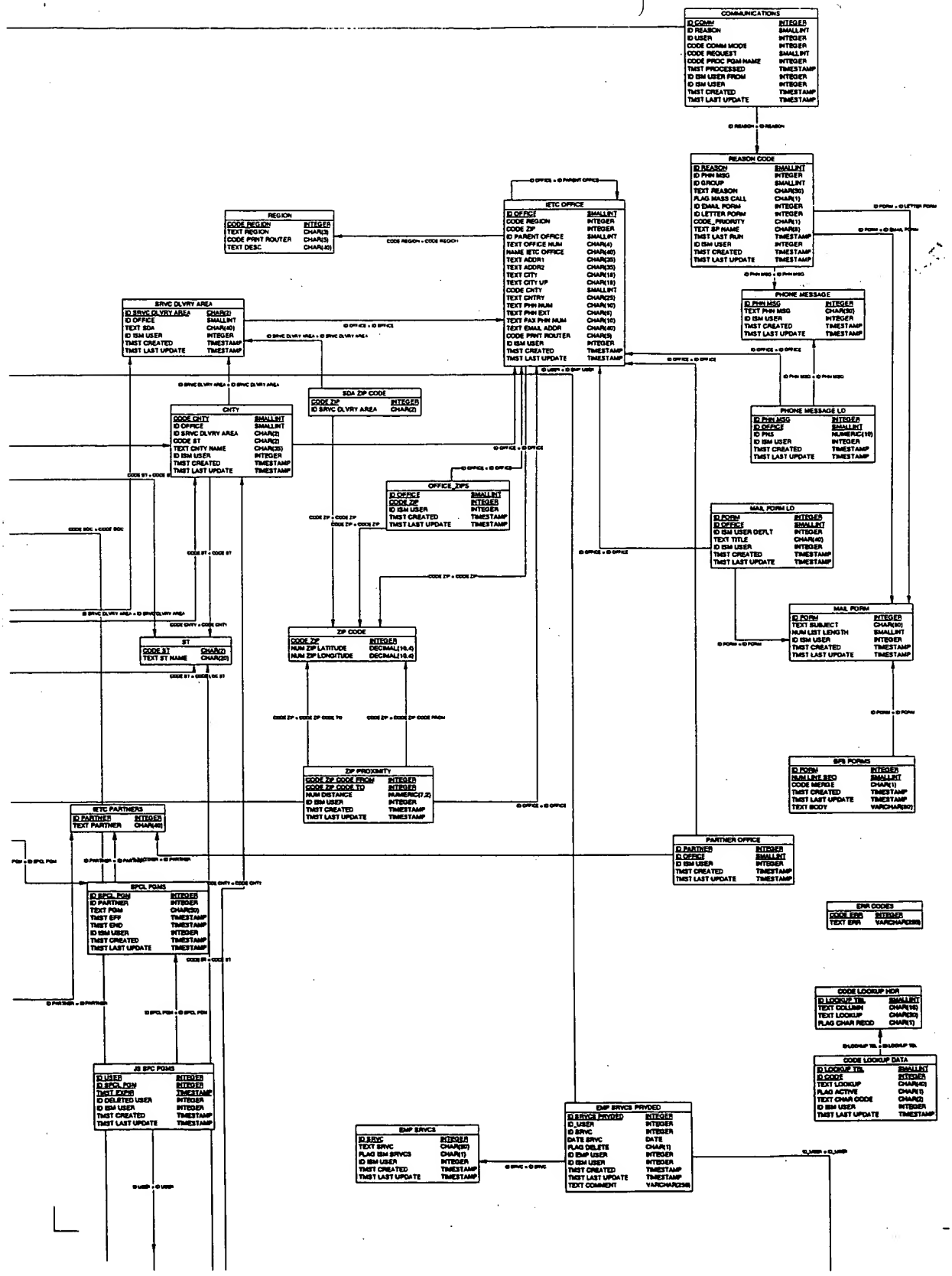
COMMUNICATIONS
REASON CODE
IETC OFFICE
REGION
PHONE MESSAGE
PHONE MESSAGE LO
SRVC DLVRY AREA
SDA ZIP CODE
CNTY
OFFICE_ZIPS
MAIL FORM LO
MAIL FORM
ST
ZIP CODE
ZIP PROXIMITY
SPS FORMS
IETC PARTNERS
PARTNER OFFICE
SPCL PGMS
ERR CODES
CODE LOOKUP HDR
CODE LOOKUP DATA
JS SPC PGMS
EMP SRVCS
EMP SRVCS PRVDED

Figure 58

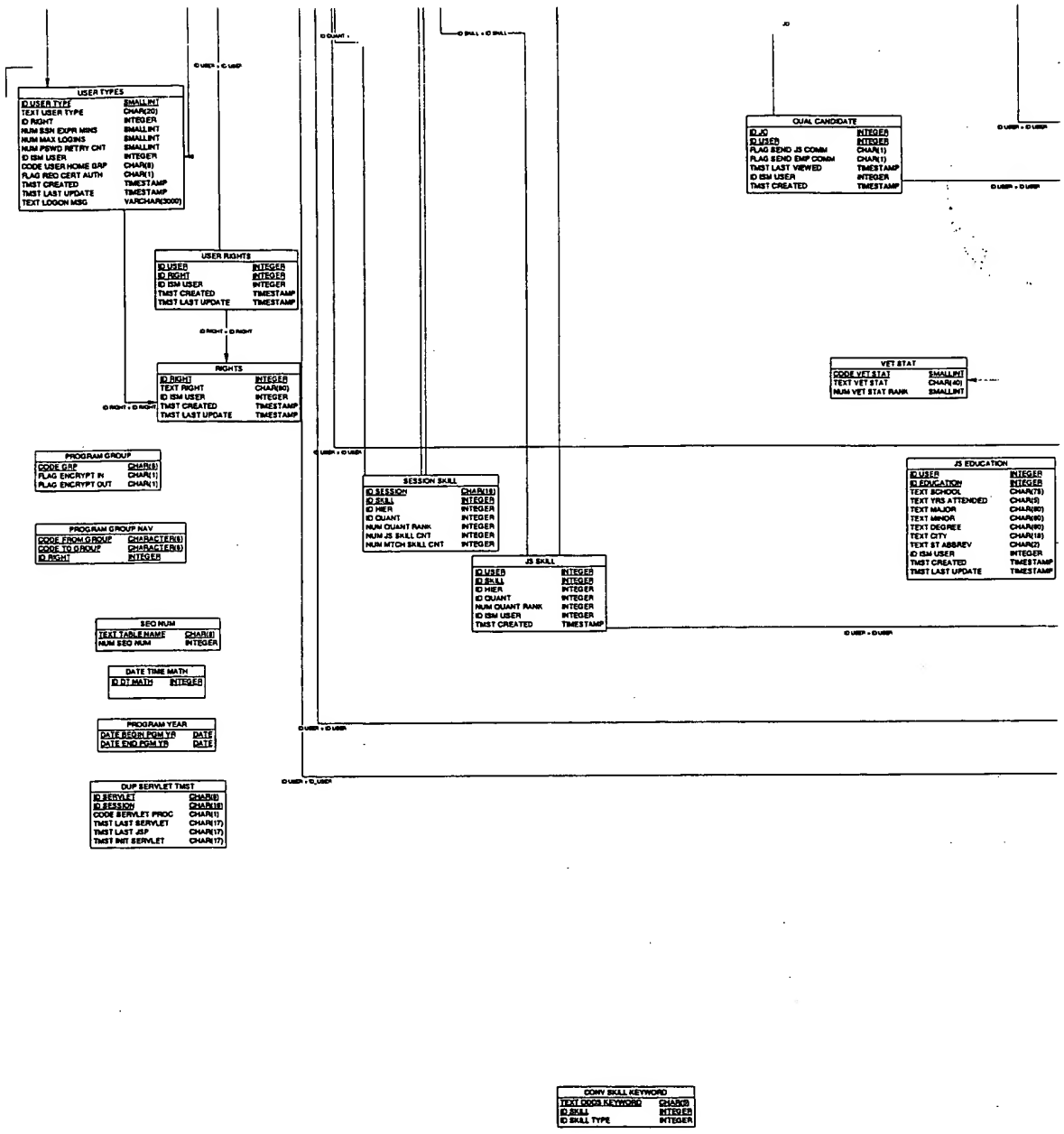
USER TYPES
ID USER TYPE SMALLINT
TEXT USER TYPE CHAR(20)
ID RIGHT INTEGER
NUM SSN EXPR MINS SMALLINT
NUM MAX LOGINS SMALLINT
NUM PSWD RETRY CNT SMALLINT
ID ISM USER INTEGER
CODE USER HOME GRP CHAR(8)
FLAG REQ CERT AUTH CHAR(1)
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
TEXT LOGON MSG VARCHAR(3000)
USER RIGHTS
ID USER INTEGER
ID RIGHT INTEGER
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
RIGHTS
ID RIGHT INTEGER
TEXT RIGHT CHAR(80)
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
PROGRAM GROUP
CODE GRP CHAR(8)
FLAG ENCRYPT IN CHAR(1)
FLAG ENCRYPT OUT CHAR(1)
PROGRAM GROUP NAV
CODE FROM GROUP CHARACTER(8)
CODE TO GROUP CHARACTER(8)
ID RIGHT INTEGER
SEQ NUM
TEXT TABLE NAME CHAR(8)
NUM SEQ NUM INTEGER
DATE TIME MATH
ID DT MATH INTEGER
PROGRAM YEAR
DATE BEGIN PGM YR DATE
DATE END PGM YR DATE
DUP SERVLET TMST
ID SERVLET CHAR(8)
ID SESSION CHAR(18)
CODE SERVLET PROC CHAR(1)
TMST LAST SERVLET CHAR(17)
TMST LAST JSP CHAR(17)
TMST INIT SERVLET CHAR(17)
SESSION SKILL
ID SESSION CHAR(18)
ID SKILL INTEGER
ID HIER INTEGER
ID QUANT INTEGER
NUM QUANT RANK INTEGER
NUM JS SKILL CNT INTEGER
NUM MTCH SKILL CNT INTEGER
JS SKILL
ID USER INTEGER
ID SKILL INTEGER
ID HIER INTEGER
ID QUANT INTEGER
NUM QUANT RANK INTEGER
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
QUAL CANDIDATE
ID JO INTEGER
ID USER INTEGER
FLAG SEND JS COMM CHAR(1)
FLAG SEND EMP COMM CHAR(1)
TMST LAST VIEWED TIMESTAMP
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
VET STAT
CODE VET STAT SMALLINT
TEXT VET STAT CHAR(40)
NUM VET STAT RANK SMALLINT
JS EDUCATION
ID USER INTEGER
ID EDUCATION INTEGER
TEXT SCHOOL CHAR(75)
TEXT YRS ATTENDED CHAR(9)
TEXT MAJOR CHAR(80)
TEXT MINOR CHAR(80)
TEXT DEGREE CHAR(80)
TEXT CITY CHAR(18)
TEXT ST ABBREV CHAR(2)
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
CONV SKILL KEYWORD
TEXT OOOS KEYWORD CHAR(9)
ID SKILL INTEGER
ID SKILL TYPE INTEGER

Figure 59

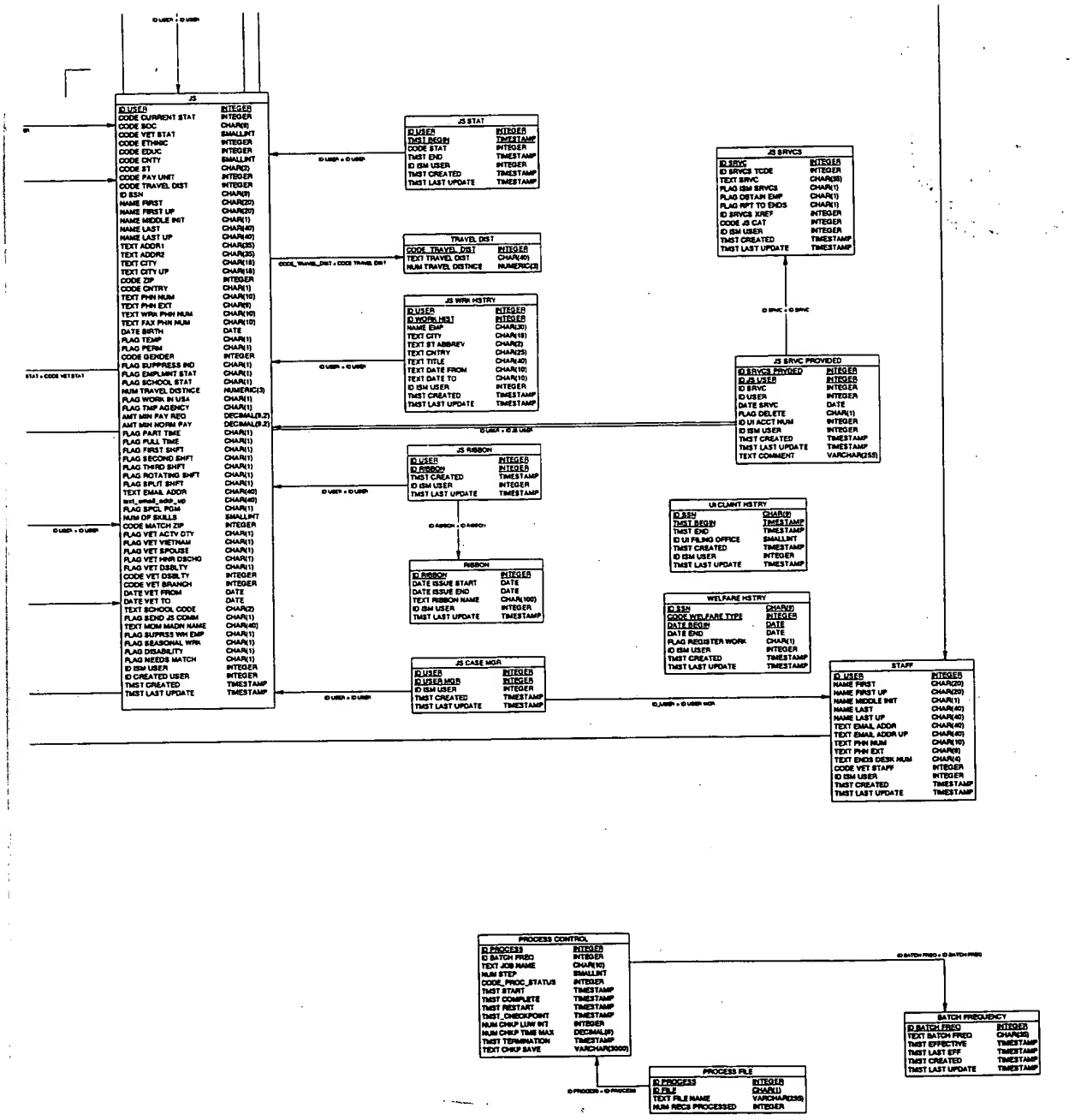
JS
ID USER INTEGER
CODE CURRENT STAT INTEGER
CODE SOC CHAR(9)
CODE VET STAT SMALLINT
CODE ETHNIC INTEGER
CODE EDUC INTEGER
CODE CNTY SMALLINT
CODE ST CHAR(2)
CODE PAY UNIT INTEGER
CODE TRAVEL DIST INTEGER
ID SSN CHAR(9)
NAME FIRST CHAR(20)
NAME FIRST UP CHAR(20)
NAME MIDDLE INIT CHAR(1)
NAME LAST CHAR(40)
NAME LAST UP CHAR(40)
TEXT ADDR1 CHAR(35)
TEXT ADDR2 CHAR(35)
TEXT CITY CHAR(18)
TEXT CITY UP CHAR(18)
CODE ZIP INTEGER
CODE CNTRY CHAR(1)
TEXT PHN NUM CHAR(10)
TEXT PHN EXT CHAR(6)
TEXT WRK PHN NUM CHAR(10)
TEXT FAX PHN NUM CHAR(10)
DATE BIRTH DATE
FLAG TEMP CHAR(1)
FLAG PERM CHAR(1)
CODE GENDER INTEGER
FLAG SUPPRESS IND CHAR(1)
FLAG EMPLMNT STAT CHAR(1)
FLAG SCHOOL STAT CHAR(1)
NUM TRAVEL DISTNCE NUMERIC(3)
FLAG WORK IN USA CHAR(1)
FLAG TMP AGENCY CHAR(1)
AMT MIN PAY REQ DECIMAL(9,2)
AMT MIN NORM PAY DECIMAL(9,2)
FLAG PART TIME CHAR(1)
FLAG FULL TIME CHAR(1)
FLAG FIRST SHFT CHAR(1)
FLAG SECOND SHFT CHAR(1)
FLAG THIRD SHFT CHAR(1)
FLAG ROTATING SHFT CHAR(1)
FLAG SPLIT SHFT CHAR(1)
TEXT EMAIL ADDR CHAR(40)
wrt_email_addr_up CHAR(40)
FLAG SPCL PGM CHAR(1)
NUM OF SKILLS SMALLINT
CODE MATCH ZIP INTEGER
FLAG VET ACTV DTY CHAR(1)
FLAG VET VIETNAM CHAR(1)
FLAG VET SPOUSE CHAR(1)
FLAG VET MNR DSCHG CHAR(1)
FLAG VET DSBLTY CHAR(1)
CODE VET DSBLTY INTEGER
CODE VET BRANCH INTEGER
DATE VET FROM DATE
DATE VET TO DATE
TEXT SCHOOL CODE CHAR(2)
FLAG SEND JS COMM CHAR(1)
TEXT MOM MADN NAME CHAR(40)
FLAG SUPRSS WH EMP CHAR(1)
FLAG SEASONAL WRK CHAR(1)
FLAG DISABILITY CHAR(1)
FLAG NEEDS MATCH CHAR(1)
ID ISM USER INTEGER
ID CREATED USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
JS STAT
ID USER INTEGER
TMST BEGIN TIMESTAMP
CODE STAT INTEGER
TMST END TIMESTAMP
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
TRAVEL DIST
CODE TRAVEL DIST INTEGER
TEXT TRAVEL DIST CHAR(40)
NUM TRAVEL DISTNCE NUMERIC(3)
JS WRK HSTRY
ID USER INTEGER
ID WORK HIST INTEGER
NAME EMP CHAR(30)
TEXT CITY CHAR(18)
TEXT ST ABBREV CHAR(2)
TEXT CNTRY CHAR(25)
TEXT TITLE CHAR(40)
TEXT DATE FROM CHAR(10)
TEXT DATE TO CHAR(10)
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
JS RIBBON
ID USER INTEGER
ID RIBBON INTEGER
TMST CREATED TIMESTAMP
ID ISM USER INTEGER
TMST LAST UPDATE TIMESTAMP
RIBBON
ID RIBBON INTEGER
DATE ISSUE START DATE
DATE ISSUE END DATE
TEXT RIBBON NAME CHAR(100)
ID ISM USER INTEGER
TMST LAST UPDATE TIMESTAMP
JS CASE MGR
ID USER INTEGER
ID USER MGR INTEGER
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
JS SRVCS
ID SRVC INTEGER
ID SRVCS TCDE INTEGER
TEXT SRVC CHAR(35)
FLAG ISM SRVCS CHAR(1)
FLAG OBTAIN EMP CHAR(1)
FLAG RPT TO ENDS CHAR(1)
ID SRVCS XREF INTEGER
CODE JS CAT INTEGER
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
JS SRVC PROVIDED
ID SRVCS PRVDED INTEGER
ID JS USER INTEGER
ID SRVC INTEGER
ID USER INTEGER
DATE SRVC DATE
FLAG DELETE CHAR(1)
ID UI ACCT NUM INTEGER
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
TEXT COMMENT VARCHAR(255)
UI CLMNT HSTRY
ID SSN CHAR(9)
TMST BEGIN TIMESTAMP
TMST END TIMESTAMP
ID UI FILING OFFICE SMALLINT
TMST CREATED TIMESTAMP
ID ISM USER INTEGER
TMST LAST UPDATE TIMESTAMP
WELFARE HSTRY
ID SSN CHAR(9)
CODE WELFARE TYPE INTEGER
DATE BEGIN DATE
DATE END DATE
FLAG REGISTER WORK CHAR(1)
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
STAFF
ID USER INTEGER
NAME FIRST CHAR(20)
NAME FIRST UP CHAR(20)
NAME MIDDLE INIT CHAR(1)
NAME LAST CHAR(40)
NAME LAST UP CHAR(40)
TEXT EMAIL ADDR CHAR(40)
TEXT EMAIL ADDR UP CHAR(40)
TEXT PHN NUM CHAR(10)
TEXT PHN EXT CHAR(6)
TEXT ENDS DESK NUM CHAR(4)
CODE VET STAFF INTEGER
ID ISM USER INTEGER
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
PROCESS CONTROL
ID PROCESS INTEGER
ID BATCH FREQ INTEGER
TEXT JOB NAME CHAR(10)
NUM STEP SMALLINT
CODE PROC STATUS INTEGER
TMST START TIMESTAMP
TMST COMPLETE TIMESTAMP
TMST RESTART TIMESTAMP
TMST CHECKPOINT TIMESTAMP
NUM CHKP LUW INT INTEGER
NUM CHKP TIME MAX DECIMAL(6)
TMST TERMINATION TIMESTAMP
TEXT CHKP SAVE VARCHAR(3000)
BATCH FREQUENCY
ID BATCH FREQ INTEGER
TEXT BATCH FREQ CHAR(30)
TMST EFFECTIVE TIMESTAMP
TMST LAST EFF TIMESTAMP
TMST CREATED TIMESTAMP
TMST LAST UPDATE TIMESTAMP
PROCESS FILE
ID PROCESS INTEGER
ID FILE CHAR(1)
TEXT FILE NAME VARCHAR(256)
NUM RECS PROCESSED INTEGER

Figure 60